Panasonic

Cordless Phone

Model No. KX-TCC116ALW

Operating Instructions

D≶F *DYNAMIC SOUND FOCUS PLUS*

Caller ID Compatibility

PLEASE READ BEFORE USE AND SAVE.

Charge the battery for about 3 hours before initial use.

Before Initial Use

Thank you for purchasing your new Panasonic cordless telephone.

Caller ID, where available, is telephone company service. After subscribing to Caller ID, this phone will display the caller's phone number.

For your future reference
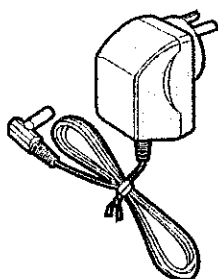
Serial No.
_____

(found on the bottom of the unit)

Date of purchase
_____

Name and address of dealer
_____

Attach or keep original receipt to assist with any repair under warranty.

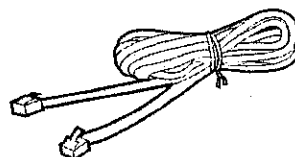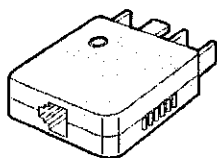## Accessories (Included)
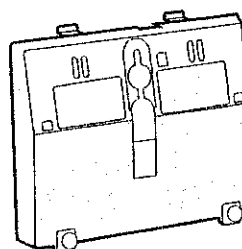
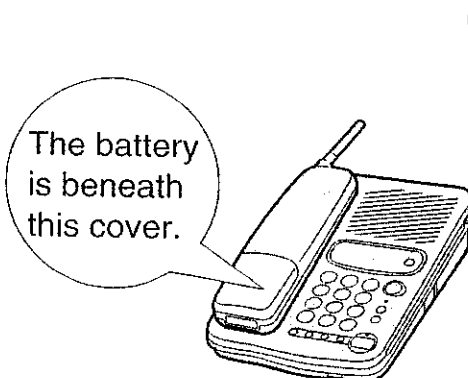| ☐ AC Adaptor (p. 10)	☐ Telephone Line Cord (p. 10)
one	one
For Australia only ☐ Telephone Plug (p. 10)	☐ Wall Mounting Adaptor (p. 15, 46)
one	one

2

For Best Performance

Battery Charge

A rechargeable Ni-Cd battery powers the handset. Charge the battery for about **3 hours** before initial use (p. 11).

The battery is beneath this cover.

Base Unit Location
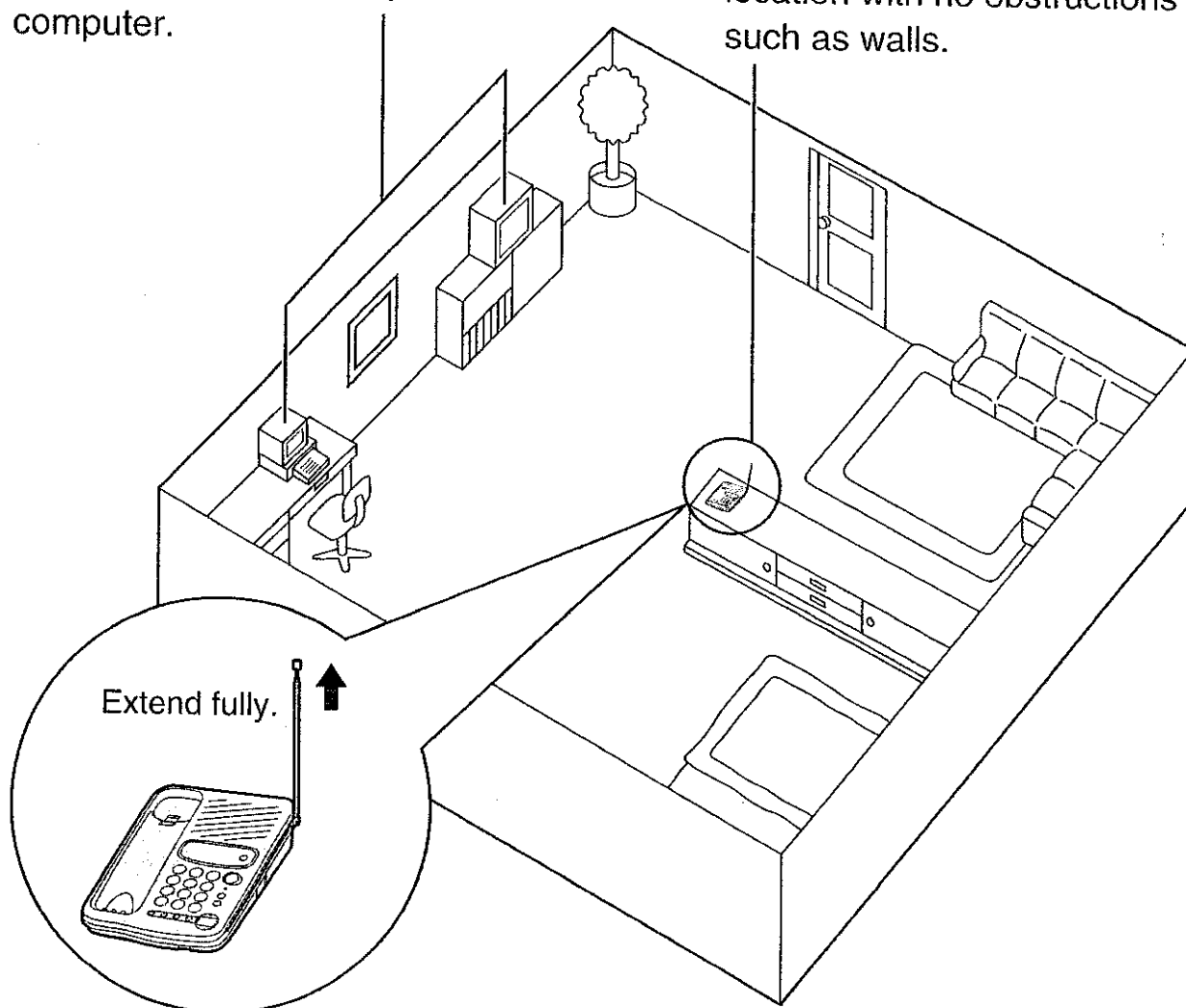
Calls are transmitted between the base unit and the handset using wireless radio waves. **For maximum distance and noise free operation,** the recommended base unit location is:

Away from electrical appliances such as a TV, radio, or personal computer.

In a HIGH and CENTRAL location with no obstructions such as walls.

Extend fully.

Contents

Advanced Operation

Useful Information

Location of Controls

Handset

Antenna

(CLEAR) Button
(p. 17, 31, 33)

Display (p. 8)

(EXIT) Button (p. 13, 26)

(SEND) Button (p. 17, 28)

(TALK) Button and
Indicator (p. 13, 16)

SEARCH ☑, ☒ Buttons
(p. 13, 25, 36)

(DISPLAY) Button
(p. 25, 26)

(EDIT) Button (p. 29)

(RINGER) Button (p. 14)

(REDIAL/PAUSE)
Button (p. 16, 43)

(DIRECT) Button (p. 22)

(PROGRAM)
Button (p. 13, 22, 33)

(RECALL) Button
(p. 44)

(DIRECTORY) Button
(p. 36)

(INTERCOM) Button
(p. 40)

(CH) (Channel)
Button (p. 17)

BATT (Battery) LOW
Indicator (p. 11)

Charge Contacts (p. 12)

Base unit

Handset Display

The handset gives you instructions and information on the display.
These display prompts are shown below.

```
NO CALLERS
```

The Caller List is empty.

```
12 NEW CALLS
v=NEW        ^=OLD
```

This display will be shown when:
– you lift the handset off the base unit, or
– **SEARCH** $\boxed{\lor}$ or $\boxed{\land}$ is pressed when the handset is off the base unit.
The display shows the number of new calls (p. 25). To search from the most recent call, press **SEARCH** $\boxed{\lor}$ (NEW key).
To search from the oldest call, press **SEARCH** $\boxed{\land}$ (OLD key) (p. 26).

```
0233334444
01-06-35    [▮▮▮]
```

When making a call, the display will show the following:
– the dialled number,
– the length of the call (ex. 1 hour, 6 minutes and 35 seconds), and
– the present battery strength (p. 11).

```
OUT OF RANGE
```

The handset has lost communication with the base unit (p. 17).

```
SAVE ERROR
```

While programming, the handset lost communication with the base unit (p. 23, 30, 33, 45).

```
   PAGING
PRESS INTERCOM
```

The base unit is paging the handset (p. 41).

```
INTERCOM
00-00-07    [▮▮▮]
```

The handset and the base unit are in intercom mode (p. 40).

```
INTERCOM HOLD
00-01-12    [▮▮▮]
```

An outside call has been put on hold by the handset user in intercom mode. To release the hold, press [TALK] or [SP-PHONE] (p. 42).

```
0355667788
11:20A JAN12 ×3
```

This is a phone number from the Caller List. The time and date of the last call (ex. Jan. 12, 11:20 AM) and the number of times this caller called (ex. 3 times) are displayed.

```
END OF NEW CALL
```

You have finished viewing the NEW CALLS in the Caller List. To exit, press (EXIT).

```
END OF OLD CALL
```

You have finished viewing the OLD CALLS in the Caller List. To exit, press (EXIT).

```
END
```

You are at the end of the Caller List.
To exit, press (EXIT).

```
MEMORY IS FULL
```

While trying to store the Caller List information in memory, the directory memory is full (p. 30).

```
NOT AVAILABLE
```

SEARCH ☑ or ☒, or (DIRECTORY) was pressed while the base unit was engaged in an outside call.

```
ANNE
0312345678
```

This is a name from the directory.
The stored name and phone number are displayed.

```
NO ITEM STORED
```

There are no stored items in the dialling button you pressed in the directory.

```
MEMORY IS FULL
         #=CLEAR
```

While trying to store an item in memory, the directory memory is full (p. 33).

➡ Settings

Battery information

After your Panasonic battery is fully charged (p. 11):

Operation	Approx. battery life
While in use (TALK)	Up to about 7 hours
While not in use (Stand-By)	Up to about 21 days

- Battery life may be shortened depending on usage conditions, such as:
  - when viewing the Caller ID Caller List or directory items, and
  - ambient temperature.
- **Clean the handset and the base unit charge contacts with a soft dry cloth once a month. Clean more often if the unit is subject to grease, dust or high humidity.** If not, the battery may not charge properly.
- If the battery is fully charged, you do not have to place the handset on the base unit until the BATT LOW indicator flashes. This will maximize the battery life.
- The battery cannot be overcharged.

Stand-by mode (The handset is off the base unit.)

The handset goes into stand-by mode after you finish using the handset (making/answering a call, viewing the Caller List or directory items, etc.). The display is blank, but the handset can receive calls. The battery life is conserved in this mode.

Setting the Auto Talk Feature

The Auto Talk feature allows you to answer a call by lifting the handset off the base unit without pressing (TALK). If you want to use this feature, turn the feature ON by programming. Your phone comes from the factory set to OFF.

The TALK indicator light must be off before programming.

1 Press (**PROGRAM**).

• The TALK indicator flashes.

```
SAVE DIRECTORY?
V=NEXT      ∧=YES
```

2 Press **SEARCH** ☑ (NEXT key) 5 times until "TALK SWITCHING?" is displayed.

```
TALK SWITCHING?
V=NEXT      ∧=YES
```

3 Press **SEARCH** ☒ (YES key).

```
AUTO TALK
V=ON      ∧=OFF
```

4 To select ON, press **SEARCH** ☑.
OR
To select OFF, press **SEARCH** ☒.

• The selected mode is displayed.
• The handset will return to stand-by mode.

```
AUTO TALK
             ON
```

```
AUTO TALK
             OFF
```

• To cancel programming changes, press (**EXIT**) before step 4.
• In order to view Caller ID information before answering a call, leave the Auto Talk feature OFF.

Selecting the Ringer Volume

Display ——

(RINGER) —

RINGER Selector
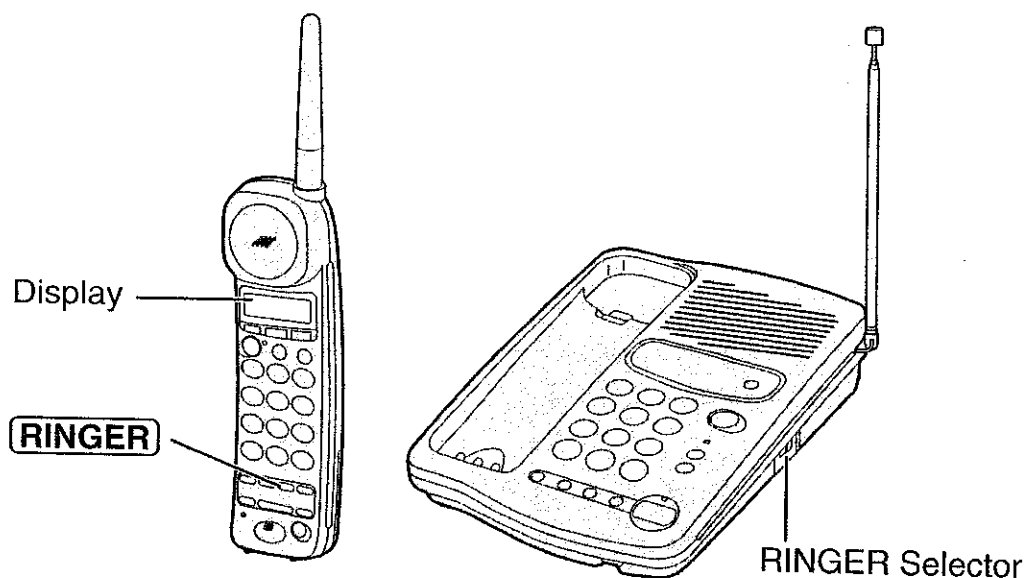
With the handset

The TALK indicator light must be off.

- **To select HIGH (preset) or LOW,** press (RINGER) briefly. (Each time you press the button briefly, the selected volume will ring and the ringer volume will change.)

HIGH

RINGER
LOW ▮▮▮▮▮▮ HIGH

↓ ↑

LOW

RINGER
LOW ▮▮   HIGH

RINGER OFF
[▮▮▮]

- **To turn the ringer OFF,** press and hold (RINGER) until 2 beeps sound.

  "RINGER OFF" will be displayed for about 40 seconds before the handset returns to stand-by mode.

- **To turn the ringer ON,** press (RINGER) briefly. The ringer will sound at the HIGH level.
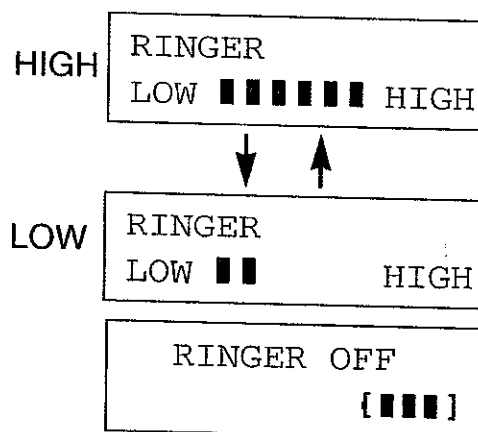
With the base unit

Set the RINGER selector to HIGH, LOW, or OFF.

- When set to OFF, the base unit will not ring.

Convenient Desk Usage

The wall mounting adaptor can also be used to raise the unit at an angle.

① Insert the tabs of the wall mounting adaptor into the "DESK" unit openings.

② Push the adaptor in the direction of the arrow.

• "UP DESK" should face upward.
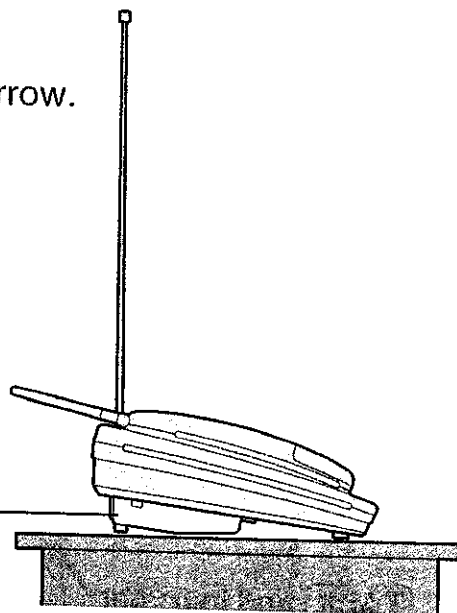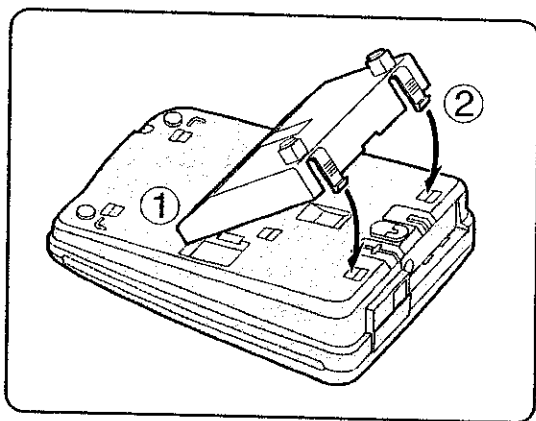
• It is not necessary to pull down the handset hook (p. 7).

Adding Another Phone

This unit will not function during a power failure. To connect a standard telephone on the same line, use a telephone double adaptor.

Standard Telephone

(Optional)

To Socket

Telephone Double Adaptor

Telephone Line Cord

Making Calls

With the Handset

Display

(EXIT)

(SEND)

(TALK) and Indicator

(CLEAR)

(REDIAL/PAUSE)

(CH)
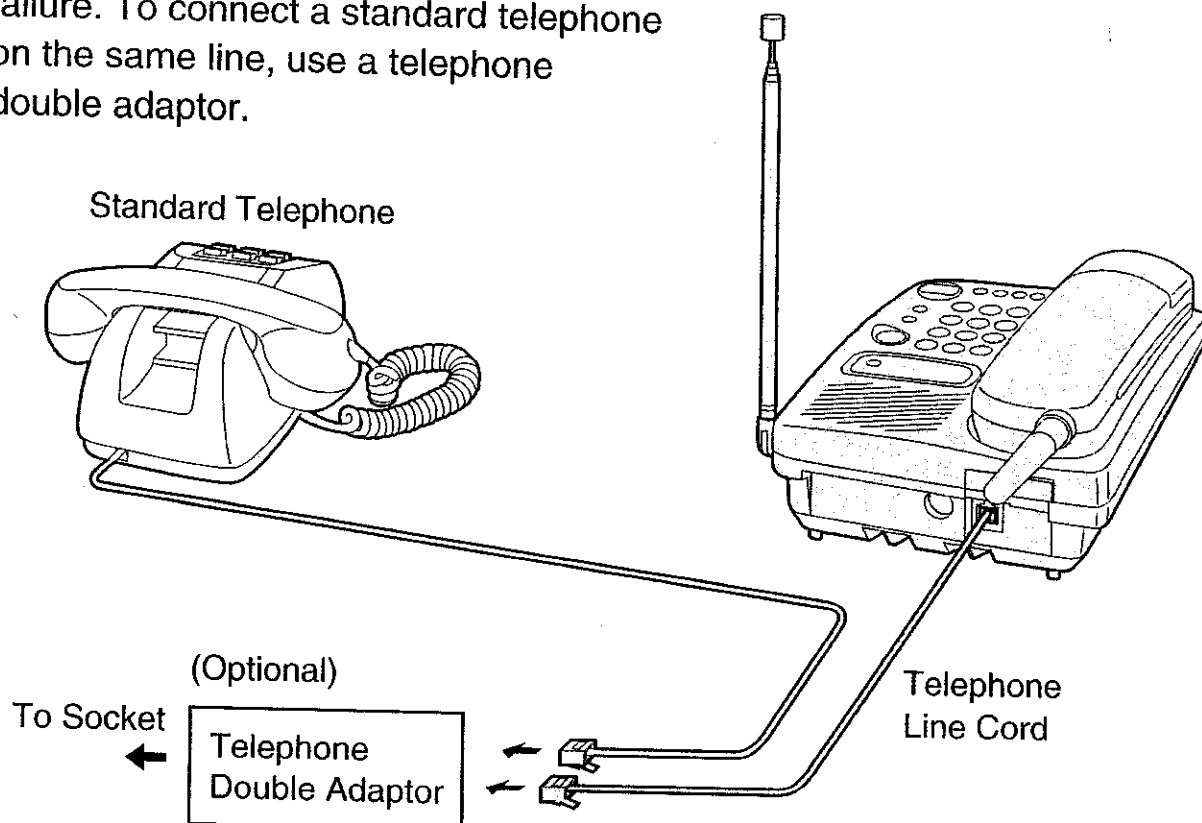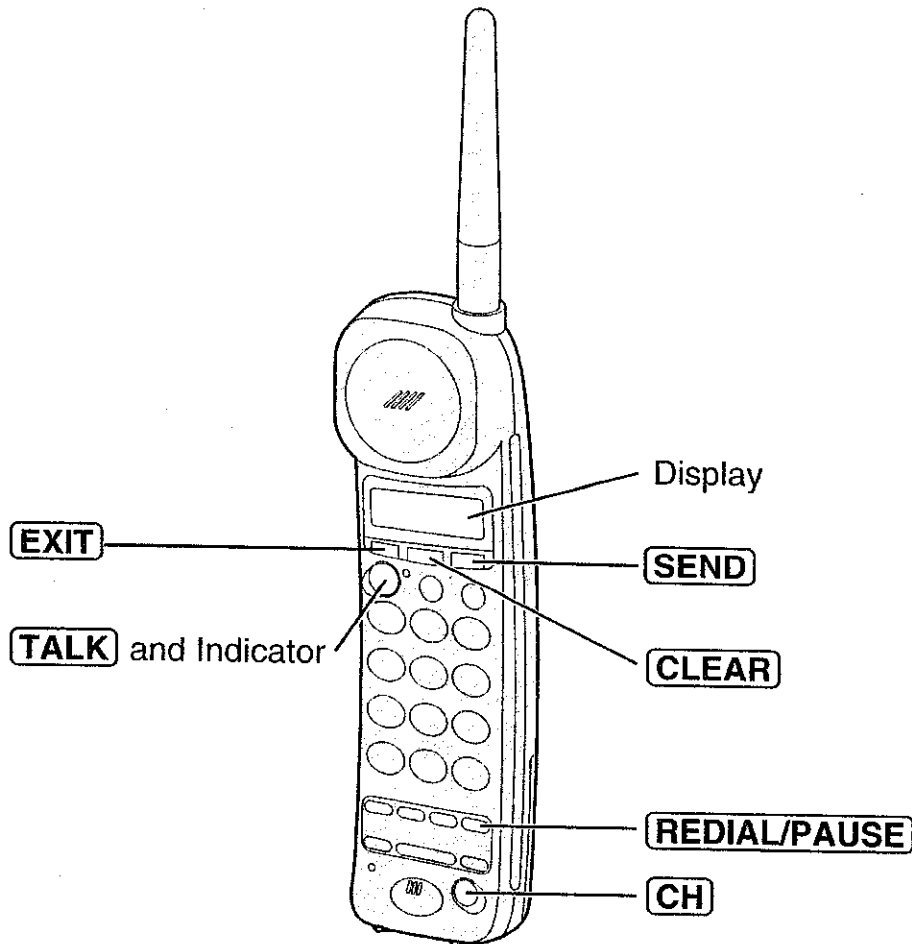
1 Press (TALK).

- The TALK indicator lights.
- The selected channel number is displayed.

```
TALK
                CH5
```

2 Dial a phone number.

- The dialled number is displayed.
- After a few seconds, the display will show the length of the call and the present battery strength.

```
0233334444
                CH5
```

```
0233334444
00-00-00   [███]
```

3 To hang up, press (TALK) or place the handset on the base unit.

- The TALK indicator light goes out.

To redial the last number dialled on the handset

Press (TALK) ➡ (REDIAL/PAUSE).

To dial after confirming the entered number

1 Enter a phone number.

- If you misdial, press (CLEAR).
  Digits are erased from the right.
- To cancel, press (EXIT).

```
0233334444
              [███]
```

2 Press (SEND).

- After a few seconds, the display will show the length of the call.

```
0233334444
              CH5
```

```
0233334444
00-00-00   [███]
```

3 To hang up, press (TALK) or place the handset on the base unit.

To redial after confirming the last number dialled

Press (REDIAL/PAUSE) ➡ (SEND).

- If "OUT OF RANGE" is displayed and an alarm tone sounds after pressing (TALK) or (SEND) when making a call, move closer to the base unit or place the handset on the base unit. Then try again.

If noise interferes with the conversation

Press (CH) to select a clearer channel or move closer to the base unit.

- The selected channel number is displayed.

```
0233334444
00-01-30   CH10
```

Back-lit

The handset dialling buttons will light while dialling and flash when a call is received. The lights will go out about 10 seconds after dialling or answering a call.

Lighted handset display

The lighted display will stay on for about 10 seconds after pressing a handset button or lifting the handset off the base unit.

Basic Operation

Luminous Talk Key

The (TALK) button uses non-radioactive luminescent material which can absorb light energy of sunlight or lamps (incandescent, fluorescent, halogen, etc.) and release this absorbed light for darkened room operation.

• As the absorbed energy in the (TALK) button material decreases, the button brightness will fade naturally.

• Button brightness and duration depends on the amount of room lighting and exposure time.

With the Base Unit

1 Press (SP-PHONE).

• The indicator lights.

2 Dial a phone number.

3 When the other party answers, talk into the MIC (microphone).

4 To hang up, press (SP-PHONE).

• The indicator light goes out.

(REDIAL/PAUSE)

(HOLD)

(SP-PHONE)
and Indicator

MIC
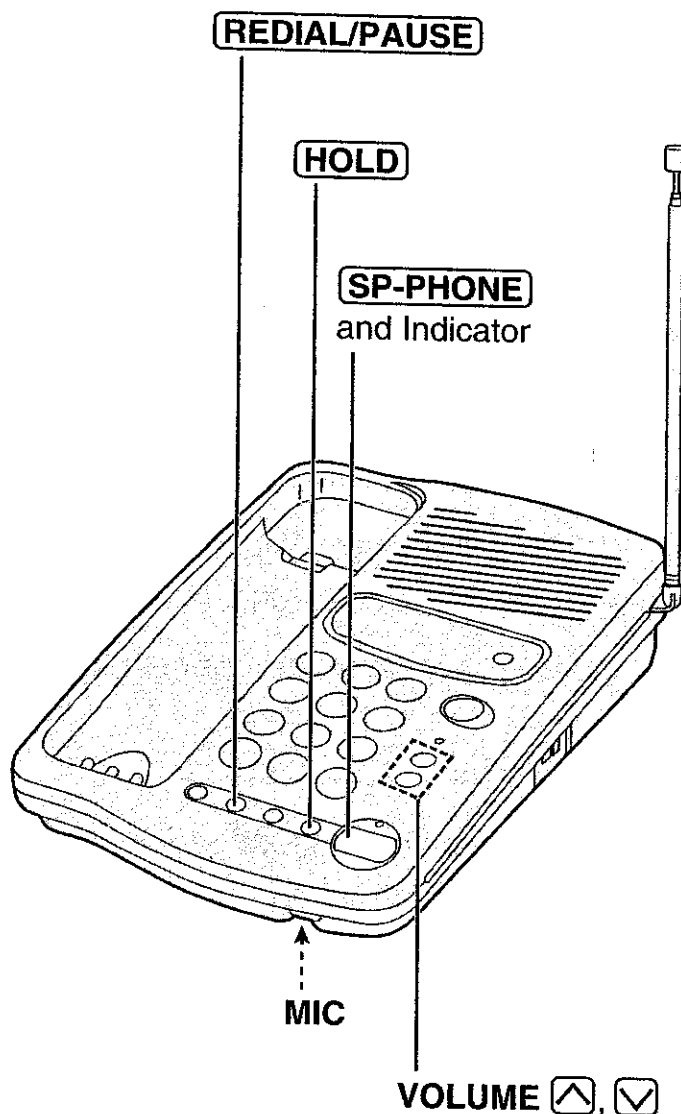
VOLUME ⌃, ⌄

During the speakerphone operation:

• For best speakerphone performance, use in a quiet room and talk alternately with the caller.
• If the other party has difficulty hearing you, press **VOLUME** ⟨∨⟩ to decrease the speaker volume.
  Decreasing the speakerphone volume will increase the microphone sensitivity.
• While using the speakerphone, if the handset is on the base unit, you may switch to it by lifting it up.

To adjust the speaker volume (12 levels) while talking

To increase, press **VOLUME** ⟨∧⟩. To decrease, press **VOLUME** ⟨∨⟩.

To redial the last number dialled on the base unit

Press (SP-PHONE) ➡ (REDIAL/PAUSE).

To put a call on hold

Press (HOLD).

• The SP-PHONE indicator flashes.
• After 6 minutes, warning rings will sound every 10–15 seconds.
  After a total of 10 minutes, the call will be disconnected.

To release the hold

From the base unit, press (SP-PHONE).
From the handset, press (TALK) or lift the handset off the base unit.

• If another phone is connected on the same line (p. 15), you can also release the hold by lifting its handset.

Simultaneous Keypad Dialling

You can use the base unit like a standard telephone. After pressing (TALK) to make a call with the handset near the base unit, you can also dial using the base unit keypad.

1 Handset:
Press (TALK).

2 Base unit:
Dial a phone number while hearing a dial tone with the handset.

• When the other party answers, talk using the handset.

3 Handset:
To hang up, press (TALK) or place the handset on the base unit.
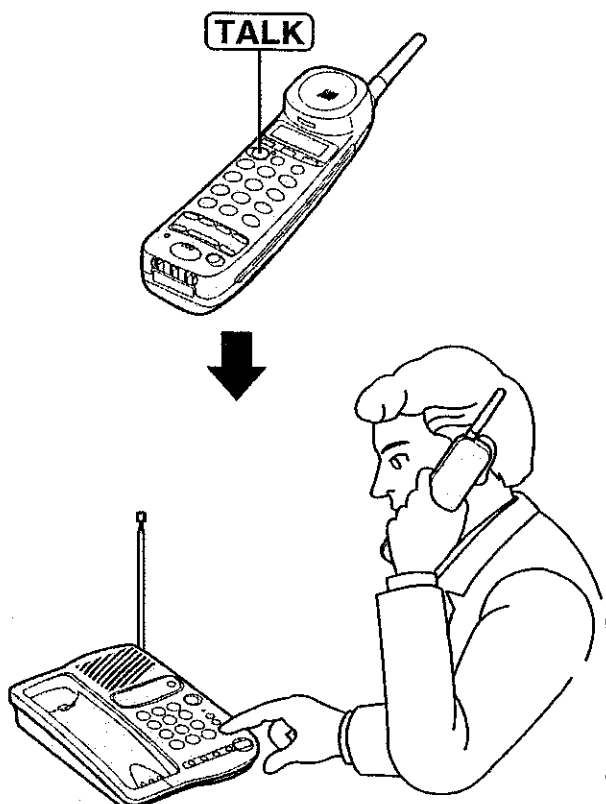
Simultaneous Keypad Dialling is available only after pressing (TALK).

Useful information

You can enter numbers using the base unit keypad during a call with the handset. For example, to access an answering service, electronic banking service, etc.
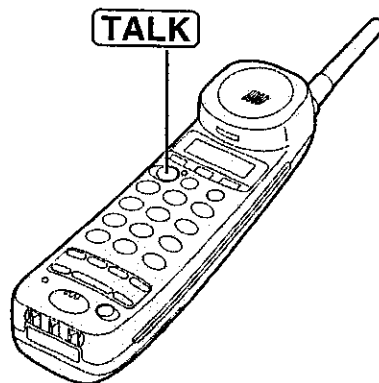
1. Handset:
Press (TALK).

2. Handset:
Dial a phone number.
• You may also dial with the base unit keypad.

3. Base unit:
Enter the required numbers while listening to the pre-recorded instructions.

4. Handset:
To hang up, press (TALK) or place the handset on the base unit.

Answering Calls

With the Handset

If you subscribe to a Caller ID service, the calling party information will be displayed after the first ring (p. 24). Please wait until the second ring to answer a call in order to view Caller ID information.

1 Press (TALK).

- You can also answer a call by pressing any dialling button ⓪ to ⑨, ⓧ or ⌗ (— **Any Key Talk**).

2 To hang up, press (TALK) or place the handset on the base unit.

Auto Talk

If you set the Auto Talk feature to ON (p. 13), you can answer a call by lifting the handset off the base unit without pressing (TALK).
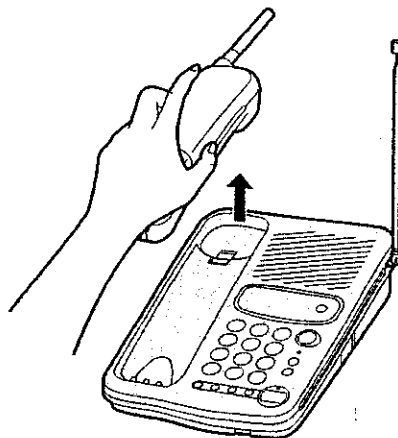
With the Base Unit

When a call is received, the unit rings and the CALLER ID indicator light flashes quickly.

1 Press (SP-PHONE).

2 Talk into the **MIC**.

3 To hang up, press (SP-PHONE).

(TALK)

CALLER ID Indicator

(SP-PHONE)

MIC

One-Touch Dialler

Storing a Phone Number in Memory

You can store a phone number in the (DIRECT) buttons by using the handset near the base unit. The number stored with the handset is also stored in the base unit. The stored number is dialled with a one-touch operation.
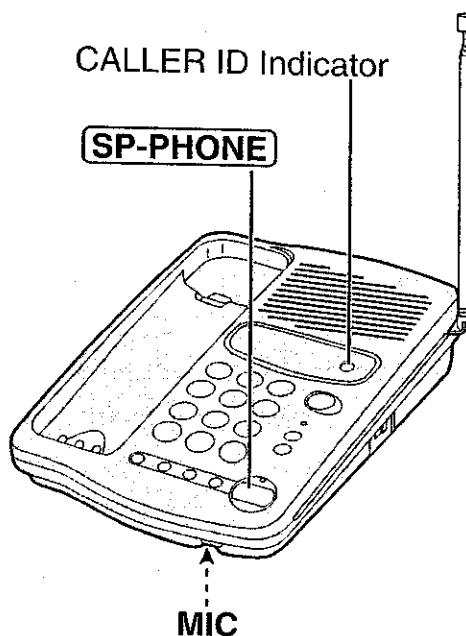
The TALK and SP-PHONE indicator lights must be off before programming.
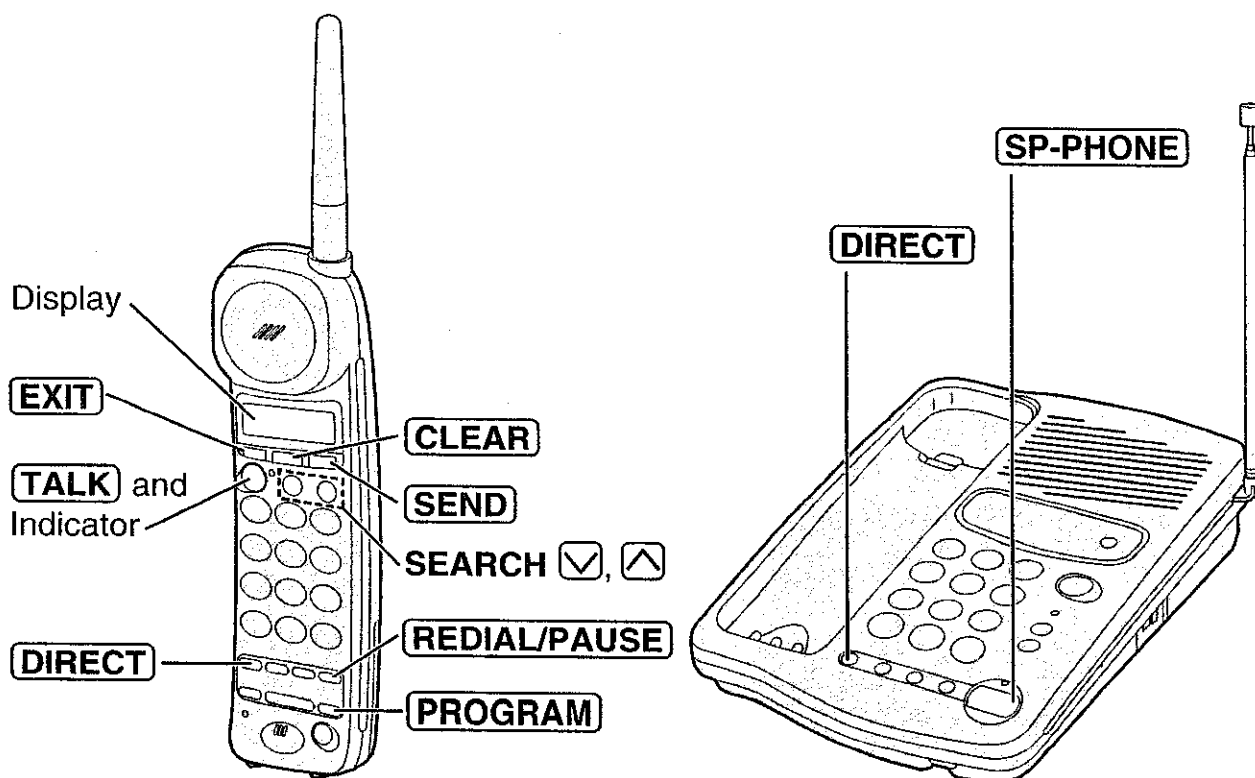
Display

(EXIT)

(TALK) and Indicator

(DIRECT)

(CLEAR)

(SEND)

SEARCH ▽, △

(REDIAL/PAUSE)

(PROGRAM)

(SP-PHONE)

(DIRECT)

1 Press (PROGRAM).

• The TALK indicator flashes.

```
SAVE DIRECTORY?
V=NEXT        A=YES
```

2 Press **SEARCH** ▽ (NEXT key) 3 times until "SAVE DIRECT#?" is displayed.

```
SAVE DIRECT#?
V=NEXT        A=YES
```

3 Press **SEARCH** △ (YES key).

```
ENTER DIRECT#
```

4 Enter a phone number up to 30 digits.

- If you misdial, press (CLEAR).
  Digits are erased from the right.

```
0298765432
        DIRECT=SAVE.
```

5 Press (DIRECT) (SAVE key).

- A confirmation tone sounds.*
- The stored number is displayed.
- The handset will return to stand-by mode.

```
0298765432
SAVE DIRECT#
```

- To cancel programming changes, press (EXIT) before step 5.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.
- If a pause is required for dialling, (REDIAL/PAUSE) can be stored in a phone number counting as one digit (p. 43).

*What the confirmation tone means

1 beep: The new number is stored.
2 beeps: The number is the same as the previously stored one.

Dialling a Stored Number

1 Press (TALK) or (SP-PHONE).

2 Press (DIRECT) on the handset or the base unit.

- The stored number is dialled.

- To dial after confirming the stored number, press (DIRECT) on the handset or the base unit, then press (SEND).

Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company.
After you subscribe to a Caller ID service, the calling party information will be displayed after the first ring.

The unit records information of up to 30 different callers, including the time and date received and the number of times called, in the Caller List. The Caller List information is sorted by the most recent to oldest call.

Using the list, you can automatically call back a caller. You can store the caller's numbers from the Caller List into the directory.

How caller information is displayed when a call is received

The display shows the caller's phone number after the first ring.*

```
0211115555
```

After you answer the call with the handset, the display will show the caller's phone number, the length of the call and the present battery strength.
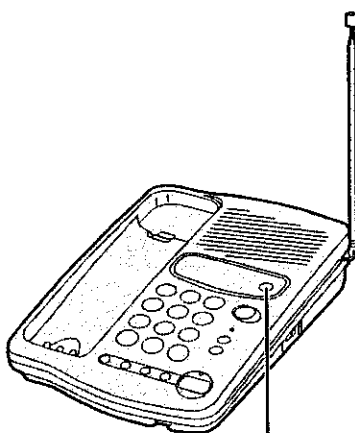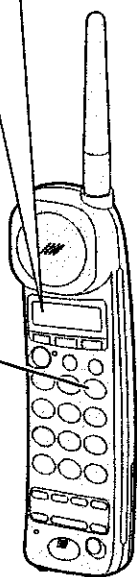
```
0211115555
00-00-00   [■■■]
```

[3] (DISPLAY)

The CALLER ID indicator flashes quickly when a call is received.

*Private name display

If the caller's phone number is the same as one of the stored numbers in the directory, the display will show the caller's name and the phone number.

```
TINA ROBINSON
0244448888
```

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- In some cases, caller information cannot be displayed. The display will show as follows.

The caller dialled from an area which does not provide a Caller ID service.

```
UNAVAILABLE
```

The caller has requested not to display their information.

```
PRIVATE CALLER
```

- If an arrow is displayed, the entire phone number is not displayed. You can see the rest of numbers by pressing [3] (DISPLAY) before answering the call.

```
01234567890123→
```

↕ Press [3] (DISPLAY).

```
←456789
```

- When the unit is connected to a PBX system, you cannot receive caller information.

To check the number of new calls

When new calls have been received, the CALLER ID indicator flashes slowly on the base unit.

While the handset is on the base unit:
Lift the handset.
OR
While the handset is off the base unit:
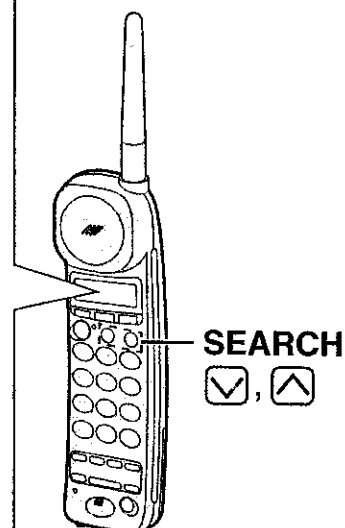Press **SEARCH** [∨] or [∧] to turn the display on.

For example, if you have received 10 new calls, the display will show the following.

```
10 NEW CALLS
∨=NEW      ∧=OLD
```

- When lifting the handset off the base unit, the display will change to stand-by mode after about 10 seconds.

SEARCH
[∨],[∧]

Advanced Operation

Using the Caller List

Viewing the Caller List

To confirm who has called you, follow the steps below.
The TALK and SP-PHONE indicator lights must be off.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ☑ or ☒ to enter the list.

- The display will show the following.

```
2 NEW CALLS
∨=NEW        ∧=OLD
```

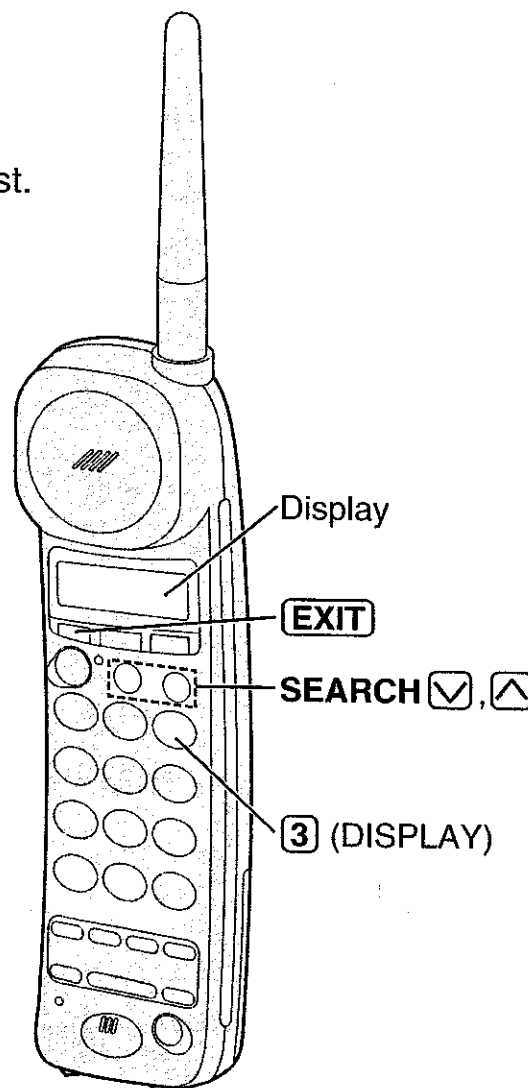**2** To search from the most recent to oldest call, press **SEARCH** ☑ (NEW key).
To search from the oldest to most recent call, press **SEARCH** ☒ (OLD key).

- To move between callers, press **SEARCH** ☑ or ☒.

- If an arrow is displayed, the entire phone number is not displayed. To see the rest of numbers, press ③ (DISPLAY).

Display

(EXIT)

SEARCH ☑,☒

③ (DISPLAY)

3 To exit the list, press (EXIT).

- The handset will return to stand-by mode.

- Once NEW calls have been checked, they will be listed as OLD.
The number of NEW calls will be displayed as "0 NEW CALL" after all of the NEW calls have been checked.
- When you answer a call or call back, the caller information will be listed as OLD.
- If "NO CALLERS" is displayed in step 1, the Caller List is empty.
Press (EXIT) to exit the list.
- If more than one call is received from the same caller, the date and time of the last call will be recorded.
Also, the OLD call entry will be deleted when the same caller calls again.
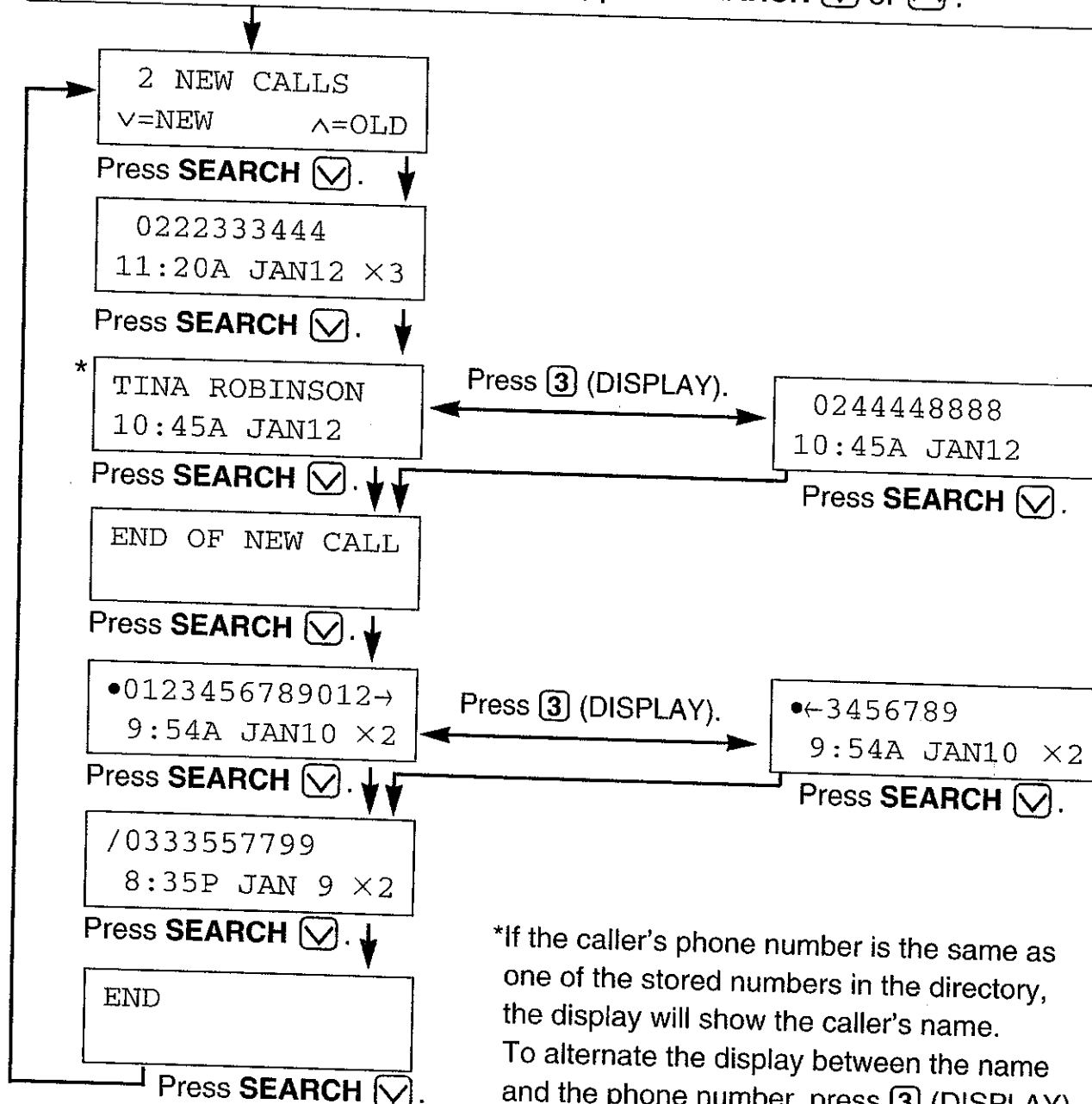
26

Ex. When you search from the most recent call:

Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ⌄ or ⌃ .

↓

```
2 NEW CALLS
∨=NEW     ∧=OLD
```

Press **SEARCH** ⌄ . ↓

```
0222333444
11:20A JAN12 ×3
```

Press **SEARCH** ⌄ . ↓

* ```
TINA ROBINSON
10:45A JAN12
```
← Press ③ (DISPLAY). →
```
0244448888
10:45A JAN12
```

Press **SEARCH** ⌄ . ↓↓     Press **SEARCH** ⌄ .

```
END OF NEW CALL
```

Press **SEARCH** ⌄ . ↓

```
•0123456789012→
 9:54A JAN10 ×2
```
← Press ③ (DISPLAY). →
```
•←3456789
  9:54A JAN10  ×2
```

Press **SEARCH** ⌄ . ↓↓   Press **SEARCH** ⌄ .

```
/0333557799
 8:35P JAN 9 ×2
```

Press **SEARCH** ⌄ . ↓

*If the caller's phone number is the same as one of the stored numbers in the directory, the display will show the caller's name.
To alternate the display between the name and the phone number, press ③ (DISPLAY).

```
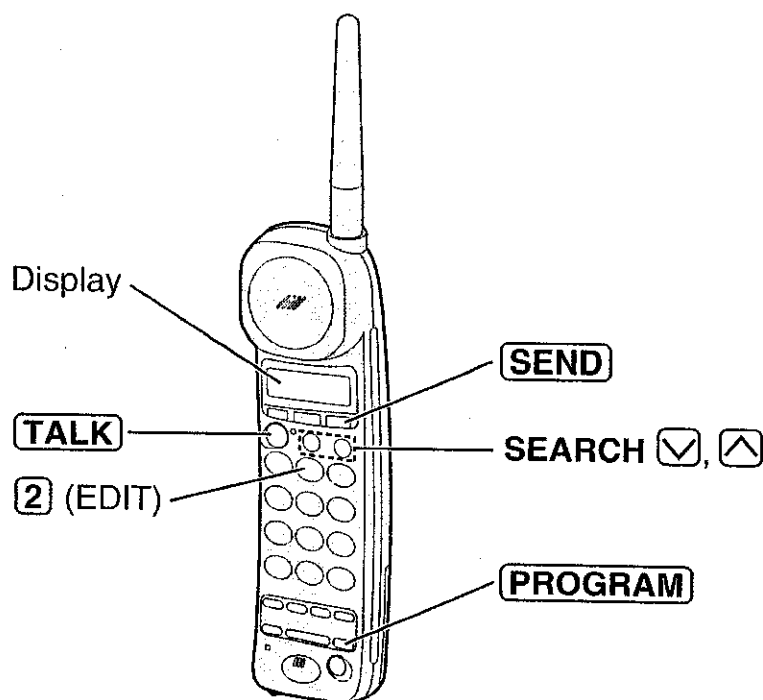END
```

Press **SEARCH** ⌄ .

Advanced Operation

To exit the Caller List, press (EXIT).
• The handset will return to stand-by mode.

Display Symbols

- •   : You have viewed this caller information at least once or answered the call.
- /   : You have called back the caller.
- ←, →   : The entire phone number is not displayed.
- ×2-×9   : The number of times they called (up to 9).

Display

SEND

TALK

SEARCH ⊽, ⊼

[2] (EDIT)

PROGRAM

Calling Back from the Caller List

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ⊽ or ⊼ to enter the list.

```
3 NEW CALLS
∨=NEW        ∧=OLD
```

2 Press **SEARCH** ⊽ or ⊼ repeatedly to
find the desired caller.

```
0234567890
4:25P JAN14
```

3 Press SEND.

• The displayed phone number is dialled
automatically.

```
0234567890
               CH10
```

```
0234567890
00-00-07   [▮▮▮]
```

4 To hang up, press TALK or place the
handset on the base unit.

• If a phone number is not displayed in the caller information, you cannot
call back that caller.

Editing the Caller's Phone Number

The unit can edit a phone number into 2 different patterns.
The TALK and DIGITAL SP-PHONE indicator lights must be off.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ⊽ or ⊼ to enter the list.

```
5 NEW CALLS
∨=NEW        ∧=OLD
```

2 Press **SEARCH** ⊽ or ⊼ repeatedly to find the desired caller.

```
0276543210
6:30P FEB25 ×2
```

3 Press ⎡2⎤ (EDIT) to select an edit pattern.
Each time you press ⎡2⎤ (EDIT), the number is rearranged into a different pattern.

ⓐ ⎡Area code⎤ – ⎡Phone no.⎤
ⓑ ⎡Phone no.⎤

ⓐ
```
0276543210
6:30P FEB25 ×2
```

ⓑ
```
76543210
6:30P FEB25 ×2
```

4 After you edit the number into the desired pattern, you can continue with calling back or storing procedures.
To call back, press (SEND) (p. 28).
To store the number in the directory, press (PROGRAM), then follow the instructions on the display (see page 30, from step 3).

Storing the Caller List Information in the Directory

You can store phone numbers that are in the Caller List into the directory.
The TALK and SP-PHONE indicator lights must be off before programming.

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ▽ or △ to enter the list.

```
10 NEW CALLS
∨=NEW        ∧=OLD
```

2 Press **SEARCH** ▽ or △ repeatedly to find the caller you want to store in the directory.

```
0234567890
4:25P JAN15
```

3 Press (PROGRAM).

```
SAVE DIRECTORY?
∨=NO        ∧=YES
```

4 Press **SEARCH** △ (YES key).

```
SAVE  NAME ?
∨=NO        ∧=YES
```

a) If you do not want to enter a name, press **SEARCH** ▽ (NO key).

b) If you want to enter a name, press **SEARCH** △ (YES key). Then enter the name (p. 32). When finished, press (PROGRAM) (SAVE key).

```
ENTER NAME
```

• Programming is completed and the display shows "SAVED OK".

```
SAVING...
```

• If the display shows "MEMORY IS FULL" in step 3, press (EXIT). To erase other stored items from the directory, see page 39.
• If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" still remains, place the handset on the base unit. Restart from step 1.
• You cannot store caller information in the directory when a phone number is not displayed.

Erasing the Caller List Information

You can erase some or all of the entries in the Caller List.
The TALK and SP-PHONE indicator lights must be off.

To erase a specific caller from the Caller List

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ▽ or △ to enter the list.

```
10 NEW CALLS
∨=NEW        ∧=OLD
```

2 Press **SEARCH** ▽ or △ repeatedly to
find the caller you want to erase from the
Caller List.

```
0355556666
7:06P    JAN15
```

3 Press (**CLEAR**).

• The information is erased.
• In a few seconds, the display will show
  the previous caller information.

```
CLEAR
```

To erase all of the entries in the Caller List

1 Lift the handset off the base unit.
OR
When the handset is off the base unit,
press **SEARCH** ▽ or △ to enter the list.

```
0 NEW CALL
∨=NEW        ∧=OLD
```

2 Press (**CLEAR**).

```
PRESS CLEAR FOR
ALL CLEAR
```

3 Press (**CLEAR**) again.

• All of the entries are erased.
• The handset will return to stand-by
  mode.

```
ALL CLEAR
```

• You can also erase all of the entries by setting the display to
  "END OF NEW CALL" or "END" using **SEARCH** ▽ or △ in step 1.

Using the Directory

You can store up to 30 names and phone numbers in the directory. All directory items are sorted by the first word in alphabetical order. Using the directory, you can make a call by selecting a name on the display. If you do not enter a name, the item is sorted by number.

This feature is also convenient when calls are received with the private name display function (p. 24). When a call is received from a caller stored in the directory, the caller's name and the phone number will be displayed.

Storing Names and Numbers in the Directory

The TALK and SP-PHONE indicator lights must be off before programming.

Display

(CLEAR)

(EXIT)

TALK Indicator

SEARCH △

The dialling buttons can be used to enter letters and character symbols.

*

#

(PROGRAM)

1 Press (PROGRAM).

• The TALK indicator flashes.

```
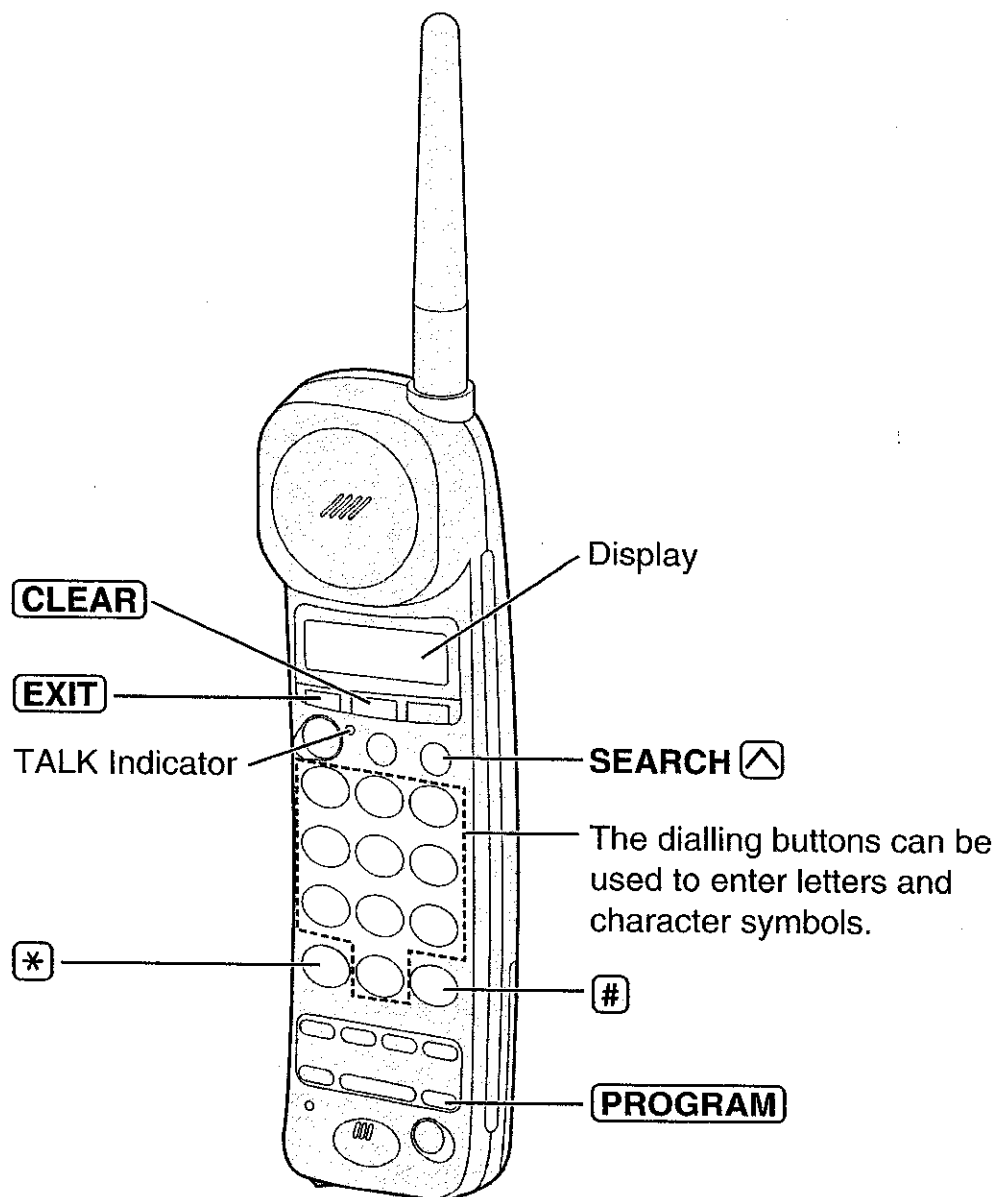SAVE DIRECTORY?
∨=NEXT      ∧=YES
```

2 Press **SEARCH** ∧ (YES key).

• The display shows the number of stored items in the directory.

```
DIRECTORY=
   23 ITEMS
```

3 Enter a name up to 15 characters with the handset dialling buttons, ✱ (←) or # (→).

• See the steps for entering names and symbols (p. 34).
• To skip entering the name, press # (TEL NO. key), then go to step 5.

```
ENTER NAME
        #=TEL NO.
```

```
ADAMS
✱#=←→ PROG=SAVE
```

4 When finished, press (PROGRAM) (SAVE key).

```
ENTER PHONE NO.
```

5 Enter a phone number up to 20 digits.

• If you misdial, press (CLEAR). Digits are erased from the right.

```
0312345678
        PROG=SAVE
```

6 When finished, press (PROGRAM) (SAVE key).

• A confirmation tone sounds.*
• The item is saved and the display shows "SAVED OK".
• The handset will return to stand-by mode.

```
SAVING...
```

• To cancel programming changes, press (EXIT) before step 6.
• If the display shows "MEMORY IS FULL" in step 2, press # (CLEAR key) to erase other stored items from the directory (see page 39, from step 3).
• If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

*What the confirmation tone means

1 beep: The new item is stored.
2 beeps: The item is the same as the previously stored one.

Steps for Entering Names and Symbols

The handset dialling buttons can be used
to enter letters and character symbols.
Pressing each button selects a character
as shown below.
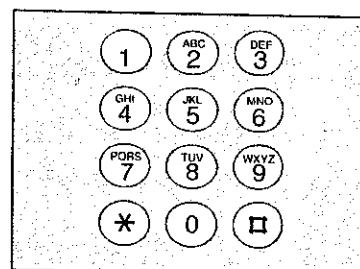
Keys	Number of times you press each key										
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
1	#	&	'	(	)	*	,	–	.	/	1
2	A	B	C	a	b	c	2				
3	D	E	F	d	e	f	3				
4	G	H	I	g	h	i	4				
5	J	K	L	j	k	l	5				
6	M	N	O	m	n	o	6				
7	P	Q	R	S	p	q	r	s	7		
8	T	U	V	t	u	v	8				
9	W	X	Y	Z	w	x	y	z	9		
0	0	Blank									
*	To move the cursor to the left.										
#	To move the cursor to the right.										

If you make a mistake while entering a name

Use * (←) or # (→) to move the cursor to the incorrect character, then
make the correction.
You can delete one character by pressing (CLEAR).

For example, to enter "Tom Jones":

1 Press (PROGRAM).

```
SAVE DIRECTORY?
V=NEXT       ∧=YES
```

2 Press **SEARCH** ∧ (YES key).

```
DIRECTORY=
     23 ITEMS
```

3 Press ⑧.

```
T
*#=↔  PROG=SAVE
```

4 Press ⑥ six times, then press ⌗ (→) to move the cursor to the right.

```
To
*#=↔  PROG=SAVE
```

5 Press ⑥ four times.

```
Tom
*#=↔  PROG=SAVE
```

6 Press ⌗ (→) twice to enter a blank.

```
Tom
*#=↔  PROG=SAVE
```

7 Press ⑤.

```
Tom J
*#=↔  PROG=SAVE
```

8 Press ⑥ six times, then press ⌗ (→) to move the cursor to the right.

```
Tom Jo
*#=↔  PROG=SAVE
```

9 Press ⑥ five times.

```
Tom Jon
*#=↔  PROG=SAVE
```

10 Press ③ five times.

```
Tom Jone
*#=↔  PROG=SAVE
```

11 Press ⑦ eight times.

```
Tom Jones
*#=↔  PROG=SAVE
```

12 When finished, press (PROGRAM) (SAVE key).
•To continue with entering a phone number, see page 33, from step 5.

```
ENTER PHONE NO.
```

• While entering names, the cursor will flash on the display

Finding Items in the Directory

The SP-PHONE indicator light must be off.

1 Press (DIRECTORY).

• The display will show the following.

> SELECT LETTER
> ON DIAL PAD

2 Press the handset dialling button of the first letter of the desired name repeatedly (see the Index table on page 37).

Ex. To find "Frank", press ③ repeatedly until the first item under "F" is displayed.

3 Press **SEARCH** ⓥ or ⓐ to move between items.

4 To leave the directory at any time, press (DIRECTORY).
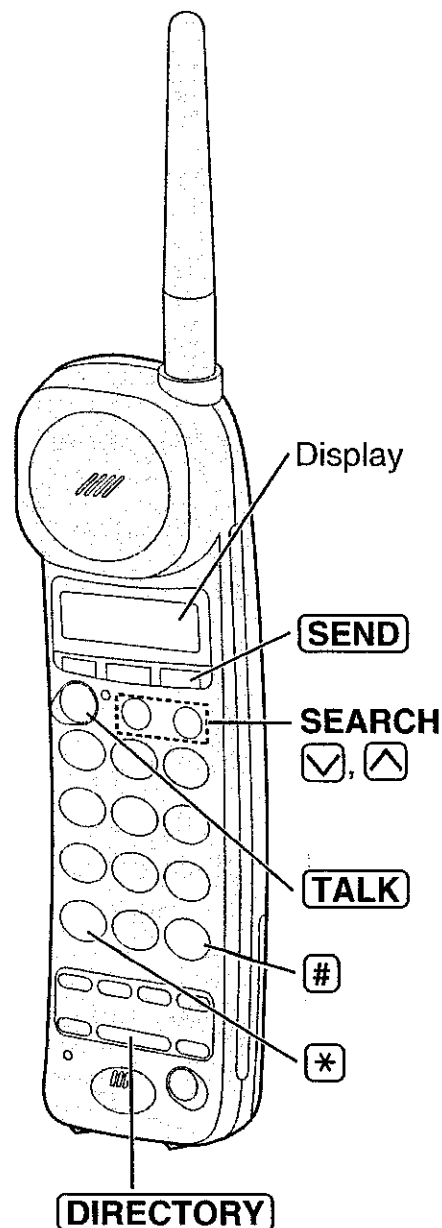
Display

(SEND)

SEARCH
ⓥ, ⓐ

(TALK)

(#)

(*)

(DIRECTORY)

• If an arrow is displayed, the entire phone number is not displayed. To see the rest of numbers, press (#) (→). To return to the first display, press (*) (←).
• In step 2, you can also use **SEARCH** ⓥ or ⓐ to find items in the directory.
• All directory items are sorted by the first word in alphabetical order. Items without name information are sorted by the first digit from 0 to 9.

Keys	Index	Keys	Index
[1]	Other symbols, 1	[6]	M, N, O, 6
[2]	A, B, C, 2	[7]	P, Q, R, S, 7
[3]	D, E, F, 3	[8]	T, U, V, 8
[4]	G, H, I, 4	[9]	W, X, Y, Z, 9
[5]	J, K, L, 5	[0]	0

Dialling from the Directory

1 Press [DIRECTORY].

```
SELECT LETTER
ON DIAL PAD
```

2 Find the directory item that you want to dial (p. 36).

```
MARY
0277665544
```

3 Press [SEND].
  • The number is dialled automatically.

```
0277665544
            [ ■ ■ ■ ]
```

4 To hang up, press [TALK] or place the handset on the base unit.

• During a call, you can repeat steps 1 to 3 to dial another number. This is convenient when you make a long distance call, access an answering service, etc.

Changing an Item in the Directory

The TALK and SP-PHONE indicator lights must be off before programming.

1 Press (PROGRAM).

• The TALK indicator flashes.

```
SAVE DIRECTORY?
∨=NEXT      ∧=YES
```

2 Press **SEARCH** ∨ (NEXT key) once. Be sure "EDIT DIRECTORY?" is displayed.

```
EDIT DIRECTORY?
∨=NEXT      ∧=YES
```

3 Press **SEARCH** ∧ (YES key).

```
SELECT LETTER
ON DIAL PAD
```

4 Find the directory item you want to change (p. 36).

• The display alternates between the desired item and "EDIT ?" every few seconds.

```
Jane
0298765432
```

⬍

```
EDIT ?
*=NEXT      #=EDIT
```

5 Press (#) (EDIT key).

a) If you need to change the name, use the dialling buttons, (*) (←) or (#) (→) (p. 34) up to 15 characters.

b) If you do not need to change the name, go to step 6.

```
JANE WALKER
*#=↔  PROG=SAVE
```

6 When finished, press (PROGRAM) (SAVE key).

```
0298765432
           PROG=SAVE
```

7 Enter the new number up to 20 digits.

• If you misdial, press (CLEAR). Digits are erased from the right.
• If you do not need to change the number, press (PROGRAM) (SAVE key) and programming is completed. The display shows "SAVED OK".

```
0398765432
           PROG=SAVE
```

8 When finished, press [PROGRAM] (SAVE key).

```
SAVING...
```

- The changed item is saved and the display shows "SAVED OK".

- To cancel programming changes, press [EXIT] before step 8.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.

Erasing an Item from the Directory

The TALK and SP-PHONE indicator lights must be off before programming.

1 Press [PROGRAM].

- The TALK indicator flashes.

```
SAVE DIRECTORY?
∨=NEXT      ∧=YES
```

2 Press SEARCH ⊽ (NEXT key) twice until "CLR. DIRECTORY?" is displayed.

```
CLR. DIRECTORY?
∨=NEXT      ∧=YES
```

3 Press SEARCH ⊼ (YES key).

```
SELECT LETTER
ON DIAL PAD
```

4 Find the directory item you want to erase (p. 36).
Ex. To erase "Helen"

```
Helen
1234567890
```

⬍

- The display alternates between the desired item and "CLEAR ITEM ?" every few seconds.

```
CLEAR ITEM ?
*=NEXT    #=CLEAR
```

5 Press [#] (CLEAR key).

- The item is erased and the display shows "CLEAR".

```
CLEAR
```

- To cancel programming changes, press [EXIT] before step 5.

Intercom

A 2-way intercom is available between the handset and the base unit.

Paging the base unit from the handset

1 Handset:
Press (INTERCOM). Talk to the paged party after the beeps.

- "INTERCOM" is displayed.

2 Base unit:
When the other party's voice is heard, answer using the **MIC**.

3 Handset:
To end the intercom, press (INTERCOM).

(INTERCOM)

MIC
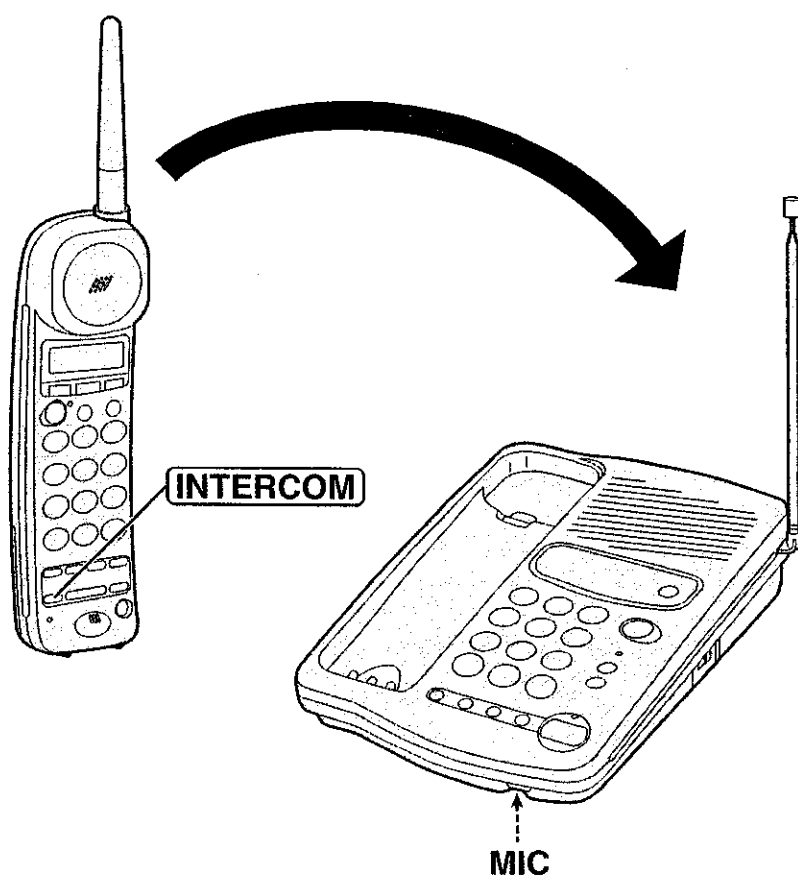
Paging the handset from the base unit (Handset locator)

Using this feature, you can locate the handset, if misplaced.

1 Base unit:
Press (LOCATOR/INTERCOM).

- The handset beeps for 1 minute and "PAGING PRESS INTERCOM" is displayed.
- To stop paging, press (LOCATOR/INTERCOM) again.

2 Handset:
Press (INTERCOM) to answer.

- "INTERCOM" is displayed.

3 Base unit:
Talk into the **MIC**.

4 Handset:
To end the intercom, press (INTERCOM).

(LOCATOR/INTERCOM)

MIC
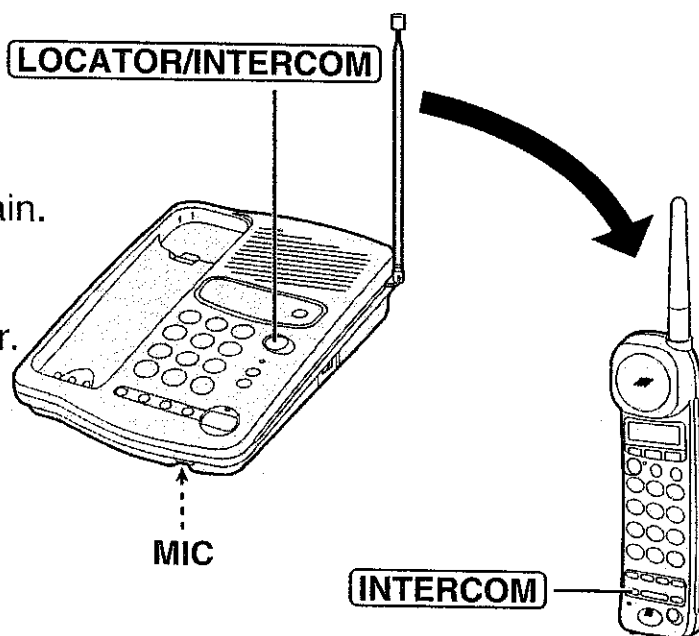
(INTERCOM)

During the intercom:

- Intercom calls can only be ended by the handset.
- If the handset user has difficulty hearing the base unit user, decrease the base unit speaker volume by pressing **VOLUME** ⊡.
- If two tones sound, an incoming call has been received. To answer, press (TALK) or (SP-PHONE). The intercom is ended.

Transferring a Call Using the Intercom

The intercom can be used during a call. This feature enables you to transfer a call between the handset and base unit.

From the handset to the base unit

1 Handset:
During a call, press
(INTERCOM). Talk to the
paged party after the beeps.

- The call is put on hold and
  "INTERCOM HOLD" is
  displayed.
- If the base unit user does
  not answer, press (TALK).

2 Base unit:
When the paging party's
voice is heard, answer using
the **MIC**.

3 Base unit:
To answer the call, press
(SP-PHONE).

- The transfer is completed.
- The handset user can join
  the conversation by
  pressing (TALK).

From the base unit to the handset

1 Base unit:
During a call, press
(LOCATOR/INTERCOM).

- The call is put on hold.
- If the handset user does not
  answer, press
  (SP-PHONE).

2 Handset:
Press (INTERCOM) to answer
the page.

3 Handset:
To answer the call, press
(TALK).

- The transfer is completed.
- The base unit user can join
  the conversation by pressing
  (SP-PHONE).

Special Features ➡
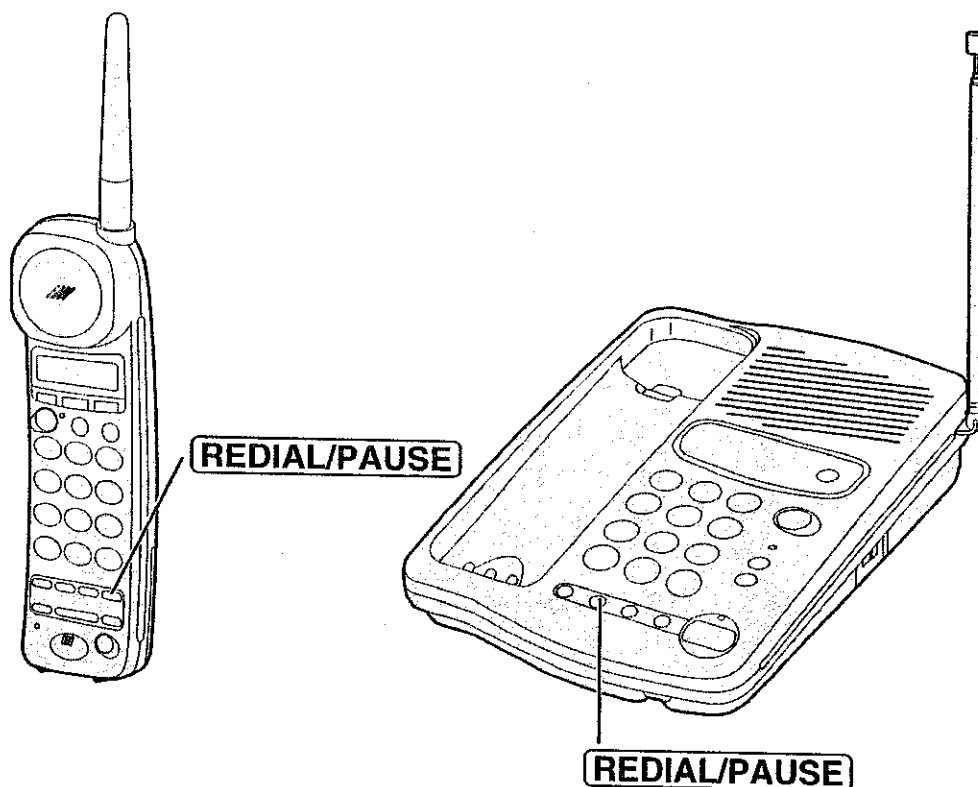
Automatic Security Code Setting

Whenever you place the handset on the base unit, the unit automatically selects one of 65,000 security codes. These codes help prevent the unauthorised use of your telephone line by another cordless telephone.

How to Use the PAUSE Button
(For Analog PBX Line/Long Distance Service Users)

We recommend you press (REDIAL/PAUSE) if a pause is required for dialling with a PBX or to access a long distance service.
  Ex. Line access number [9] (PBX)

  [9] ➡ (REDIAL/PAUSE) ➡ [Phone number]

- Pressing (REDIAL/PAUSE) once creates a 3.5 second pause. This prevents misdialling when you redial or dial a stored number.
- Pressing (REDIAL/PAUSE) more than once increases the length of the pause between numbers.

RECALL Button

Pressing (RECALL) allows you to use special features of your host PBX such as transferring an extension call or accessing special telephone services (optional) such as call waiting.

Display

(EXIT)

SEARCH ☑ ,☒

(RECALL)

Talk Indicator

(RECALL)
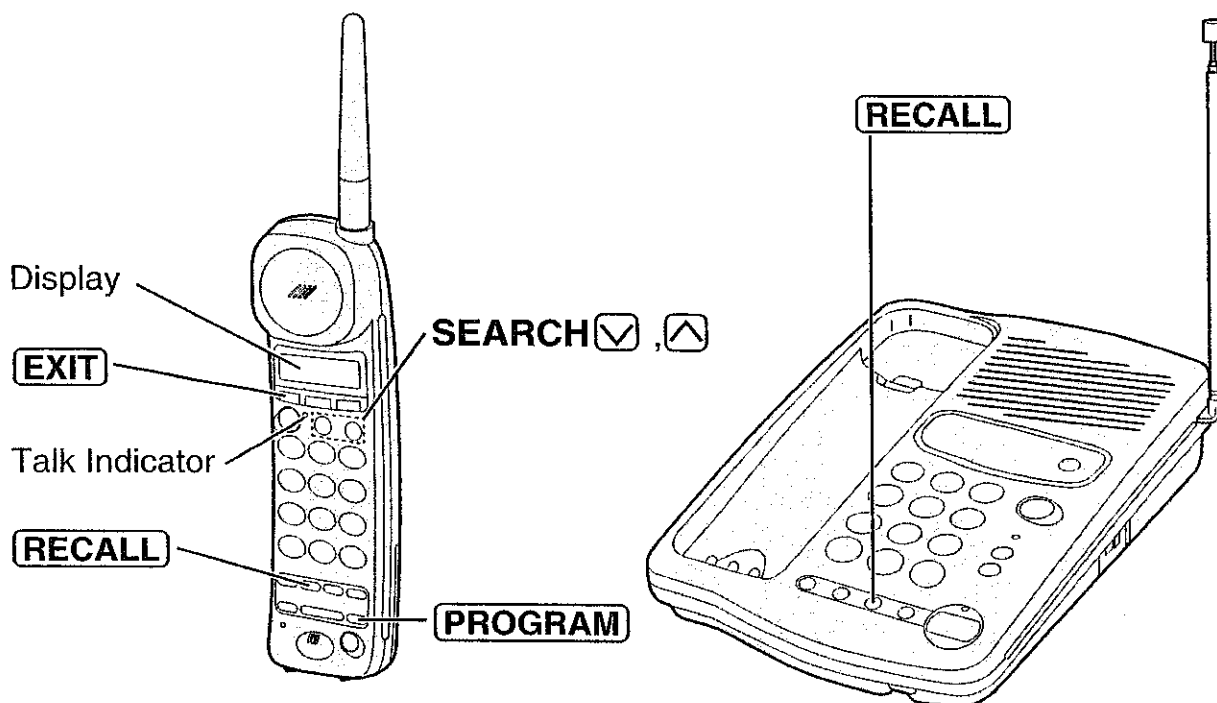
(PROGRAM)

(RECALL)

Selecting the Recall Time

The recall time depends on your telephone exchange or host PBX.
You can select from recall times "100, 250, 400 or 600 msec (millisecond)" by programming. Your phone comes from the factory set to "100 msec".
When programming, use the handset near the base unit.
The TALK and SP-PHONE indicator lights must be off before programming.

1 Press (PROGRAM).

• The TALK indicator flashes.

```
SAVE  DIRECTORY?
∨=NEXT      ∧=YES
```

2 Press SEARCH ☑ (NEXT key) 4 times until "SET RECALL TIME" is displayed.

```
SET  RECALL  TIME
∨=NEXT      ∧=YES
```

44

3 Press **SEARCH** ⊼ (YES key).

```
RECALL:  100msec
V=NEXT      ^=YES
```

4 Press **SEARCH** ⊻ (NEXT key).

Each time you press **SEARCH** ⊻ , the recall time is changed.

```
RECALL:  250msec
V=NEXT      ^=YES
```

```
RECALL:  400msec
V=NEXT      ^=YES
```

```
RECALL:  600msec
V=NEXT      ^=YES
```
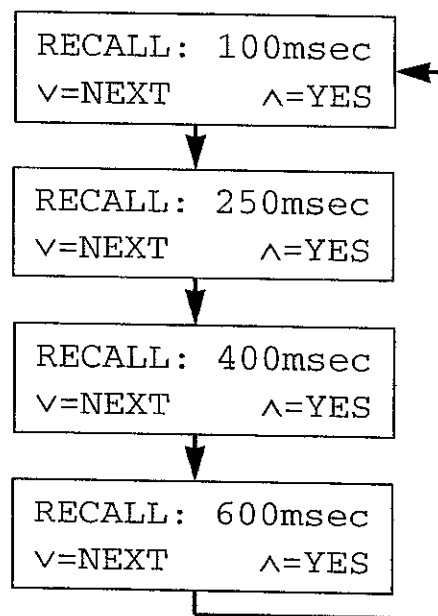
5 After you select the desired recall time, press **SEARCH** ⊼ (YES key).

Ex. 100 msec is selected.

```
RECALL:  100msec
```

- A beep sounds.
- The selected recall time is displayed.
- The handset will return to stand-by mode.

- To cancel programming changes, press (EXIT) before step 5.
- If the display shows "SAVE ERROR", move closer to the base unit and try again. If "SAVE ERROR" is still displayed, place the handset on the base unit. Restart from step 1.
- Users in Australia can access Telstra's "EASY CALL" service by having the recall time set at 100 msec (this is the factory default setting), and then follow Telstra's "EASY CALL" instructions to operate this service.
- If you are connected via a PBX, a higher recall time may need to be selected to use PBX functions (transferring a call, etc). Consult with your PBX supplier for correct setting.

For Call Waiting Service Users in New Zealand

Adjust the recall time to 600 msec for use with Telecom's Call Waiting Service. Press (RECALL) if you hear a call-waiting tone while talking.
- The first call is put on hold and you can answer the sound call.
- To return the first caller, press (RECALL) again.

If a power failure occurs, the mode will return to the factory preset. Reprogram if necessary.

Wall Mounting

This unit can be mounted on a wall.

1 Connect the AC adaptor.

To Power
Outlet
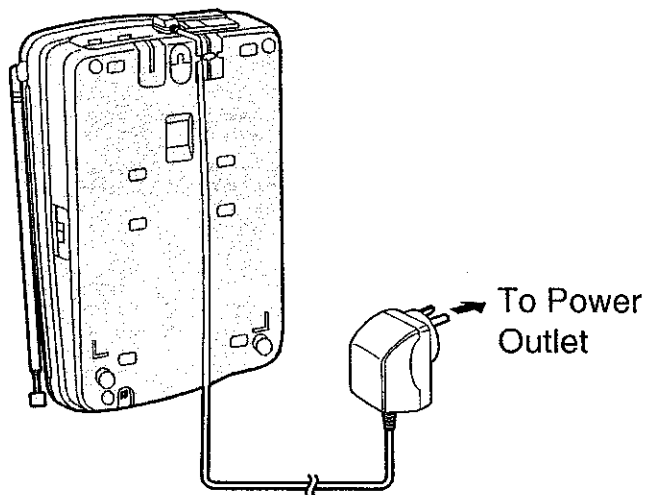
2 Tuck the telephone line cord inside the wall mounting adaptor.
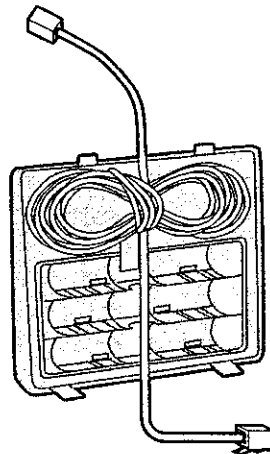
3 ① Insert the tabs of the wall mounting adaptor into the "WALL" unit openings.

② Push the adaptor in the direction of the arrow.

• "UP WALL" should face upward.
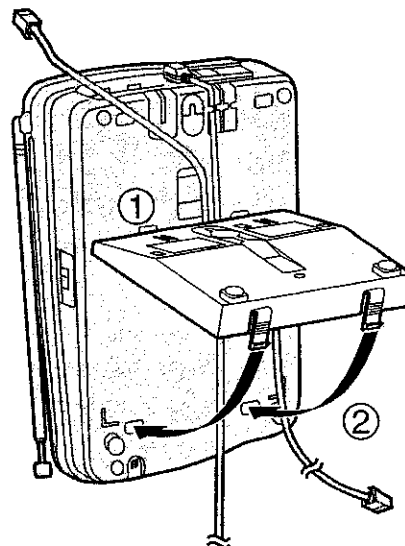
4 Install screws using the wall template below. Connect the telephone line cord. Mount the unit, then slide down.

- Extend the antenna fully.

Screws

8.5 cm

To Socket

Telephone Plug →
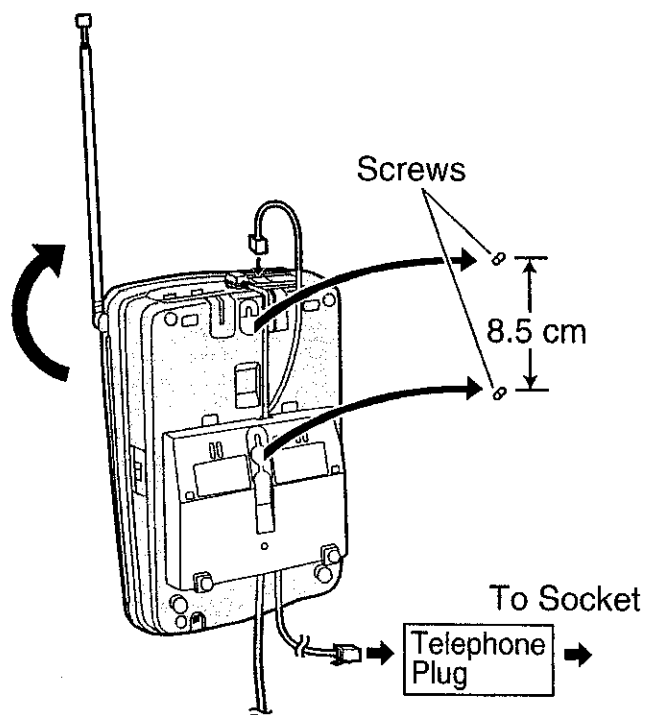
5 Pull down the handset hook until it locks, **so the tab holds the handset.**
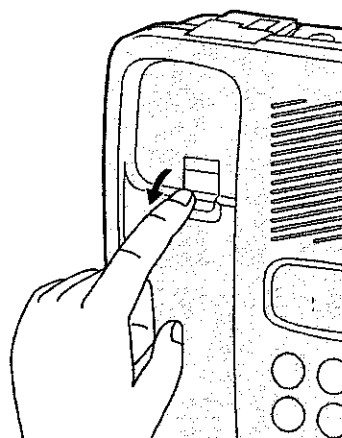
6 **To charge the battery:** Place the handset on the handset hook as shown.

- The IN USE/CHARGE indicator lights.

Wall Template

←———— 8.5 cm ————→
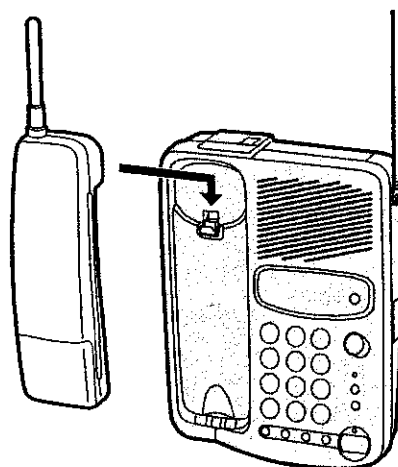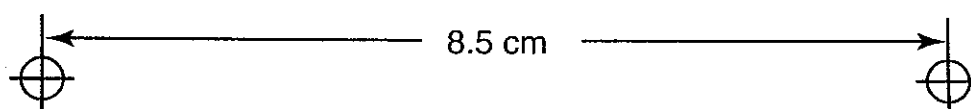
Battery Replacement

If the BATT LOW indicator flashes after being fully charged, replace the battery with a new Panasonic P-P301(KX-A36A) battery. To prevent memory loss, replace within 5 minutes.

1 Remove the cover by sliding it while pressing the arrow.
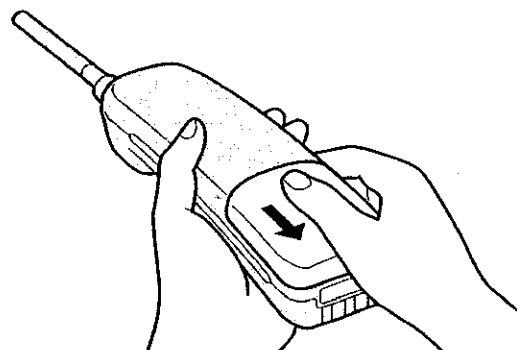
2 Replace the battery, then close the cover.

3 Be sure to charge the new battery for about 3 hours.

Before Requesting Help ➡

Problem	Remedy
"OUT OF RANGE" is displayed and an alarm tone sounds when you press (TALK) or (INTERCOM).	• You are too far from the base unit. Move closer and try again. • Place the handset on the base unit and try again. • Plug in the AC adaptor. • Extend the base unit antenna fully.
The unit does not work.	• Check the settings (p. 10–14). • Charge the battery fully (p. 11). • Clean the charge contacts and charge again (p. 12). • Install the battery properly (p. 48). • Place the handset on the base unit and unplug the AC adaptor to reset. Plug in, then try again. • Re-insert the handset battery within 5 minutes to avoid memory loss and place the handset on the base unit. Then try again. • KX-TCC116ALW is not designed to be used with rotary (pulse dialling) services.
Static, sound cuts in/out, fades. Interference from other electrical units.	• Locate the handset and the base unit away from other electrical appliances (p. 3). • Move closer to the base unit. • Extend the base unit antenna fully. • Press (CH) to select a clearer channel.
The handset does not ring.	• The ringer volume is set to OFF. Press (RINGER) briefly while the TALK indicator light is off (p. 14).
The base unit does not ring.	• The RINGER selector is set to OFF. Set to HIGH or LOW (p. 14).

Useful Information

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➡ Before Requesting Help

Problem	Remedy
The handset display is blank.	• The handset is in stand-by mode (p. 12). Press **SEARCH** ▽ or △ to turn the display on.
The handset display is still blank after pressing **SEARCH** ▽ or △.	• Charge the battery fully (p. 11).
You cannot program items, such as the auto talk feature.	• Programming is not available while the unit is in talk or speakerphone or intercom mode. • Do not pause for over 60 seconds while storing.
You cannot store a name and phone number in the directory.	• You cannot store a name and number while the unit is in talk, speakerphone or intercom mode. • Do not pause for over 60 seconds while storing.
While programming or searching, the unit starts to ring and stops the program/search.	• To answer the call, press (TALK) or (SP-PHONE). Start from the beginning after hanging up.
The unit does not display the phone number of callers.	• Other telephone equipment may be interfering with your phone. Disconnect them and try again. • Other electrical appliances connected to the same outlet may be interfering with the Caller ID information. Telephone line noise may be affecting the Caller ID information.
The handset display goes blank while viewing the Caller List or directory items.	• Do not pause for over 60 seconds while searching. • (SP-PHONE) was pressed.

Problem	Remedy
(LOCATOR/INTERCOM) does not function.	• The handset is too far from the base unit. • The handset is engaged in an outside call or is viewing the Caller List or directory items. Wait until the IN USE/CHARGE indicator light goes out.
(REDIAL/PAUSE) does not function properly.	• The button has a double function as either redial or pause. It will redial the last number dialled if pressed at the outset of a call (p. 16, 19). If another number has been dialled first, it will operate as a pause button (p. 43).
The BATT LOW indicator flashes or the unit beeps intermittently.	• Charge the battery fully (p. 11).
You charged the battery fully, but the BATT LOW indicator flashes.	• Clean the charge contacts and charge again (p. 12). • Install a new battery (p. 48).
The IN USE/CHARGE indicator light never goes out while charging.	• This is normal.

Safety Instructions

Take special care to follow the safety suggestions listed below.

Safety

1) Power Source: The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
2) Nonuse Periods: When left unused for a long period of time, the base unit should be unplugged from the household AC outlet.
3) Lightning Surge: To minimize the possibility of lightning damage when you know that a thunderstorm is coming, we recommend that you:
   a) Unplug the telephone line cord from the phone jack.
   b) Unplug the power supply cord from the AC power outlet.

Installations
Environment

1) Water and Moisture: Do not use this unit near water—for example, near a bathtub, washbowl, sink, etc. Damp basements should also be avoided.
2) Heat: The unit should be kept away from heat sources such as radiators, kitchen range, etc. It also should not be placed in rooms where the temperature is less than 5°C (41°F) or greater than 40°C (104°F).

Placement

1) Stacking: Do not place heavy objects on top of this unit.
2) Foreign Material: Care should be taken so that objects do not fall onto and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
3) Surface: Place the unit on a flat surface.

For best performance

1) If noise prevents the conversation from being understood at the handset, approach the base unit to lessen the noise.
2) The handset should be fully recharged on the base unit when the BATT LOW indicator flashes.
3) The handset antenna should not be touched during use because of its high sensitivity.
4) The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

When a failure occurs which result in the internal parts becoming accessible, disconnect AC adaptor immediately and return this unit to the place of purchase or service centre.

If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, do not reconnect the unit to the telephone line until the trouble has been repaired. If the known working phone does not operate properly, consult with your telephone company.

This equipment has been tested and found to comply with AS/NZS 3548: 1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

WARNING:
This equipment will be inoperable when mains power fails.

For New Zealand Users Only

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

WARNINGNOTICE:
No "111" or other calls can be made from this device during a mains power failure.
- We recommend that a standard phone which can be used in the case of a power failure be connected to the telephone line at all times.

Important Information (For Australia only)

Instructions to customer

Installation

Attached to this apparatus is an approval label. This label is evidence that it is a "Permitted Attachment" which has been authorised to be connected to your telephone service.
Conditions relating to connection and operation of this Permitted Attachment are contained in Telecommunications General By-Law 220 (5).

You are authorised to install this Permitted Attachment yourself by plugging it into the line socket of any regular telephone. You may connect it in place of your existing telephone or to any spare telephone socket installed in your premises.

To disconnect your existing telephone you must first remove its plug from the line socket. You can then insert the plug of your Permitted Attachment into the socket and use your equipment.

If the plug of your existing telephone cannot be readily removed, you will have to remove the screw securing it. To do this proceed as follows:

1. Loosen screw "A" sufficiently to remove the socket cover. (See Fig. 1.)
2. Remove screw "B" and withdraw the plug. (See Fig. 2.)
3. Replace screw "B". (See Fig. 3.) Ensure that it screws completely into the socket recess. (If the screw is too long, increase the hole depth or replace the screw with one 5 mm shorter.)
4. Replace socket cover and tighten screw "A". (See Fig. 4.)

SOCKET   PLUG

SCREW "A"

Fig. 1

TELEPHONE CORD
(Connect to the PLUG
  as shown in Fig. 1.)

SCREW "B"

Fig. 3

SCREW "B"

Fig. 2

SCREW "A"

SOCKET

Fig. 4

Important Information (For Australia only)

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SOCKET   PLUG

SCREW "A"

Fig. 1

TELEPHONE CORD
(Connect to the PLUG
  as shown in Fig. 1.)

SCREW "B"

Fig. 3

SCREW "B"

Fig. 2

SCREW "A"

SOCKET

Fig. 4

If you are satisfied with the operation of your telephone service after plugging in your Permitted Attachment, your installation is completed.

You will be unable to connect this Permitted Attachment if your telephone service consists only of a wall phone or an old style telephone which is not connected by means of a modern plug and socket. In such cases a new socket will need to be installed.

Should the Permitted Attachment not operate when plugged into a socket, it is either faulty or unsuitable for operation with your telephone service. It should be returned to the store where purchased.

Service difficulties

If at any time a fault occurs on your telephone service carry out the following checks before you call for service:

- Disconnect the Permitted Attachment and try using the service with the normal telephone.
- If the telephone service then operates satisfactorily, the fault is in your Permitted Attachment. Leave the Permitted Attachment disconnected and report the fault to its supplier or agent to arrange for repair.
- If when using the telephone the service is still faulty, report the fault to "Service Difficulties and Faults" for attention.

You are required to keep this Permitted Attachment in good working order while it is connected to your telephone service. Its construction or internal circuit must not be modified in any way without permission.

WARNING

This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Panasonic

Quick Guide

Please read the Operating Instructions for details.

● Keep this leaflet for your next use.

Check the accessories:

☐ AC Adaptor..........................one
☐ Telephone Line Cord...........one

☐ Telephone Plug
   (For Australia only) ....one
☐ Wall Mounting Adaptor........one

How to Set Up the Unit

1 **Connect as shown.**

> For maximum range, place the base unit in a HIGH and CENTRAL location with no obstructions or interference from electrical appliances.

To Power Outlet

To Socket

The AC adaptor must remain connected.
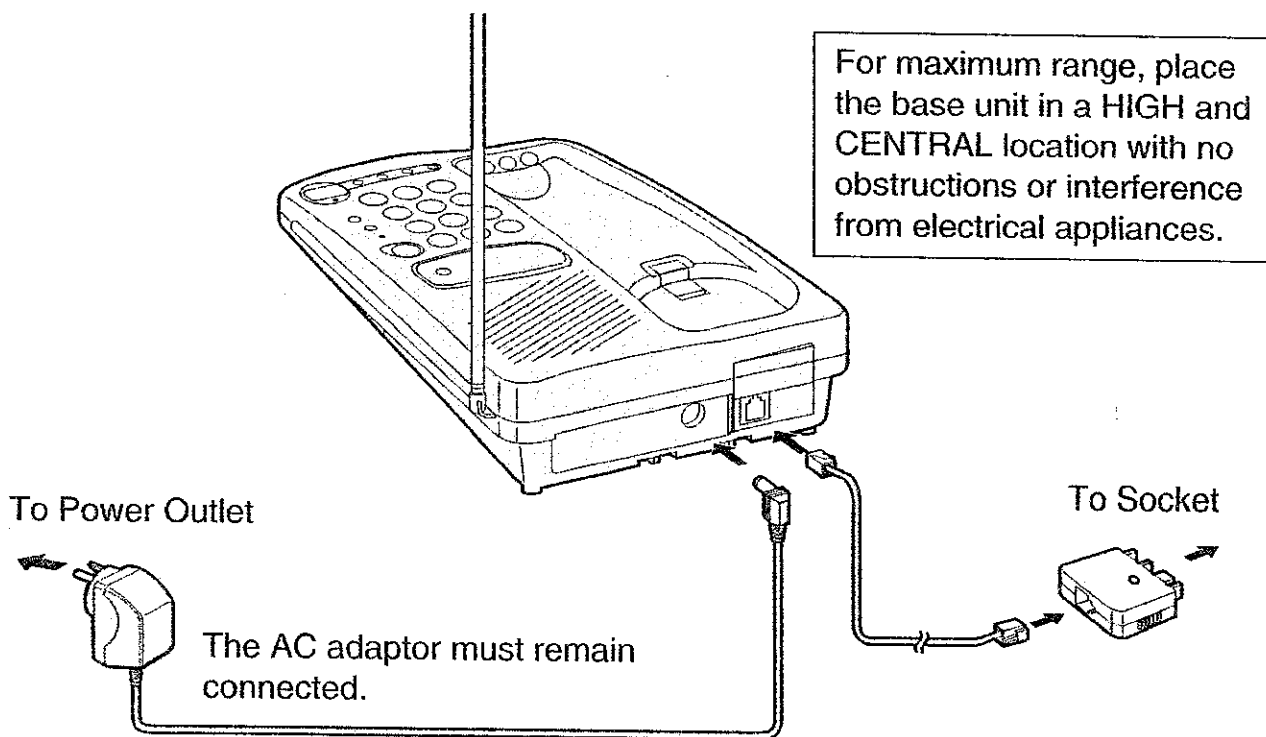
2 **Charge the battery for about 3 hours before initial use.**

Place the handset on the base unit.

● The IN USE/CHARGE indicator lights.

The battery is beneath this cover.

IN USE/CHARGE Indicator

How to Operate the Unit

Extend the base unit antenna fully for best reception.

CALLER ID Indicator

IN USE/CHARGE Indicator

Display

CLEAR

EXIT

TALK and Indicator

EDIT

DIRECT

BATT LOW Indicator

PROGRAM

Charge Contacts

SEND

SEARCH ⋁, ⋀

DISPLAY

CH

SP-PHONE and Indicator

MIC (Microphone)

DIRECT

Charge Contacts

Attention:

• When the BATT LOW indicator flashes or the unit beeps intermittently, recharge the battery.
• **Clean the handset and the base unit charge contacts with a soft dry cloth once a month,** or the battery may not charge properly.

Making Calls

With the handset
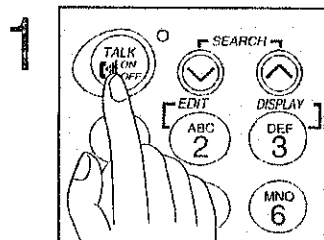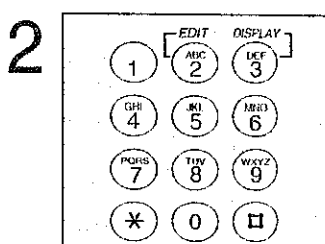
1 Press [TALK].

2 Dial a phone number.
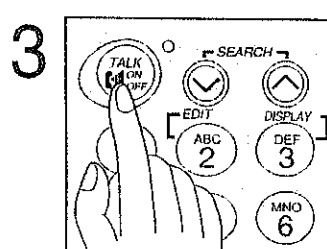
3 To hang up, press [TALK] or place the handset on the base unit.

- You can dial after confirming the entered number as follows.
  1. Enter the phone number.
  2. Press [SEND].
- If noise interferes with your conversation, press [CH] to select a clearer channel or move closer to the base unit.
- Like a standard telephone, you can dial with the base unit keypad after pressing [TALK].

With the base unit
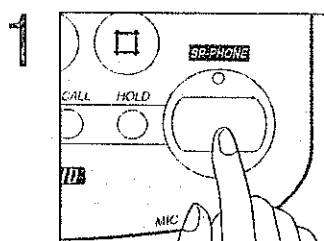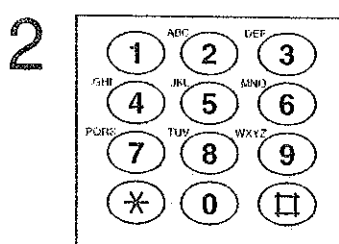
1 Press [SP-PHONE].

2 Dial a phone number.
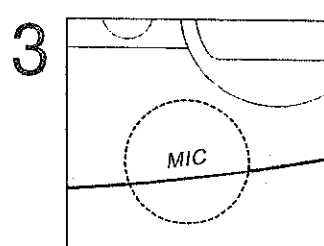
3 Talk into the **MIC**. To hang up, press [SP-PHONE].

Answering Calls

With the handset (off the base unit)
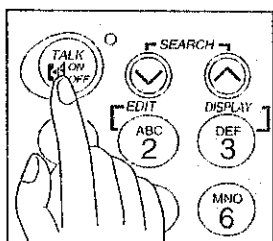
Press [TALK].

OR
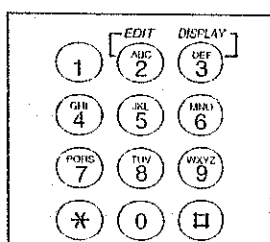
Press one of the dialling buttons.

With the base unit
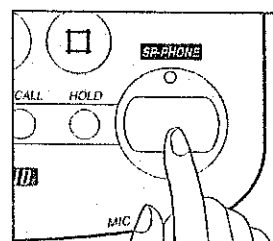
Press [SP-PHONE], then talk into the **MIC**.

- If you set the Auto Talk feature to ON, you can answer a call by lifting the handset off the base unit (see page 13 in the Operating Instructions).

Caller ID Service

This unit is compatible with a Caller ID service offered by your telephone company.
After you subscribe to a Caller ID service, the calling party information will be displayed after the first ring.
The unit records information of up to 30 different callers, including the time and date received and the number of times called, in the Caller List. The Caller List information is sorted by the most recent to oldest call.

How caller information is displayed when a call is received

When a call is received, the display shows the caller's phone number after the first ring.*

```
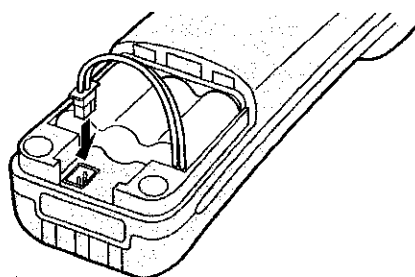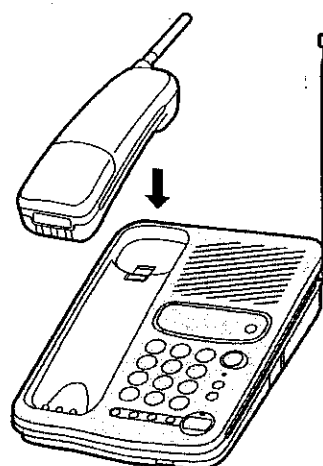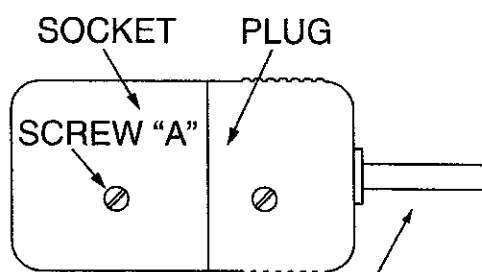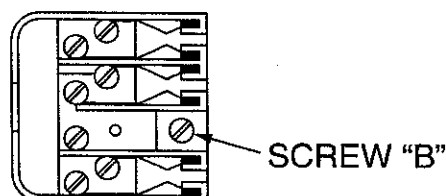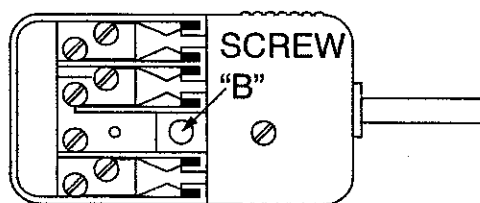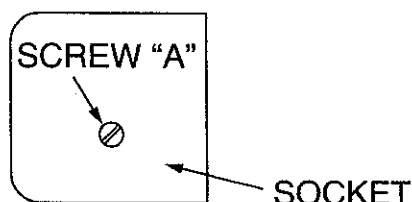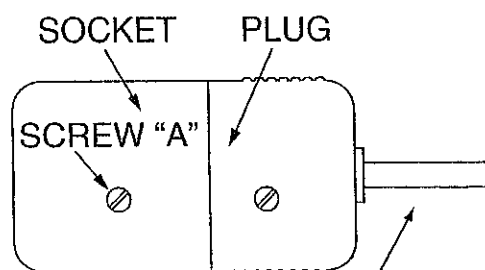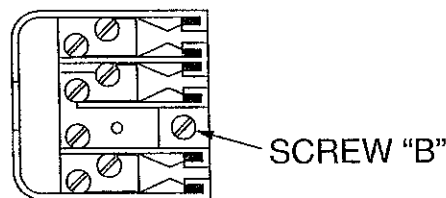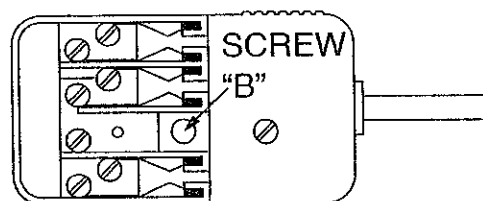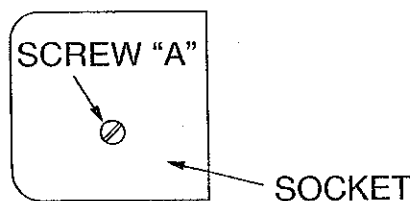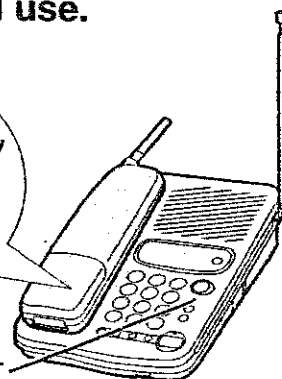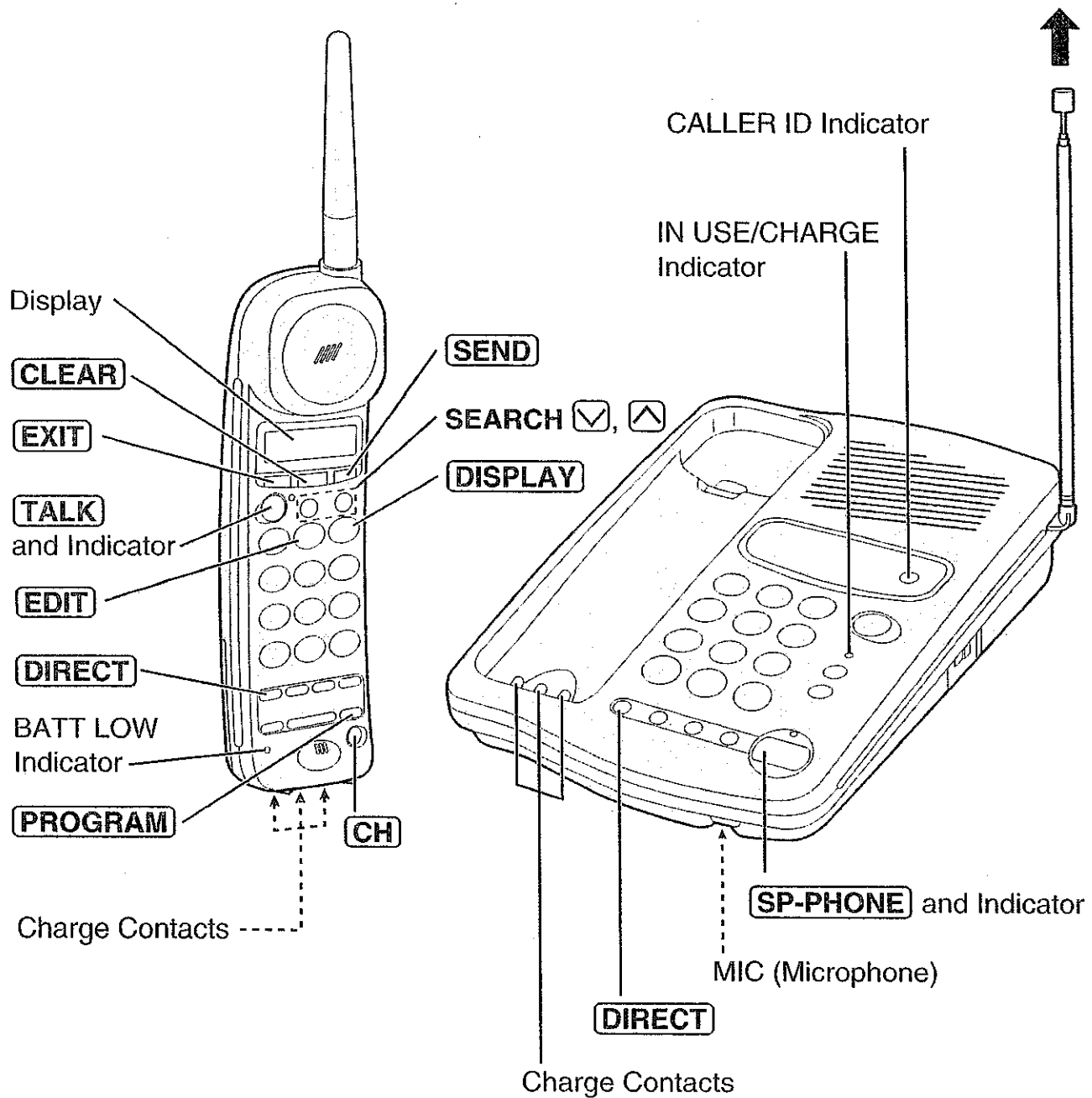0211115555
```

● In some cases, caller information cannot be displayed. The display will show as follows.

The caller dialled from an area which does not provide a Caller ID service.

```
UNAVAILABLE
```

The caller has requested not to display their information.

```
PRIVATE CALLER
```

*Private name display

If the caller's phone number is the same as one of the stored numbers in the directory, the display will show the caller's name and the phone number.

```
TINA ROBINSON
0244448888
```

To check the number of new calls
When new call have been received, the CALLER ID indicator flashes slowly on the base unit.

While the handset is on the base unit:
Lift the handset.
OR
While the handset is off the base unit:
Press **SEARCH** ∨ or ∧ to turn the display on.

For example, if you have received 10 new calls, the display will show the following.

```
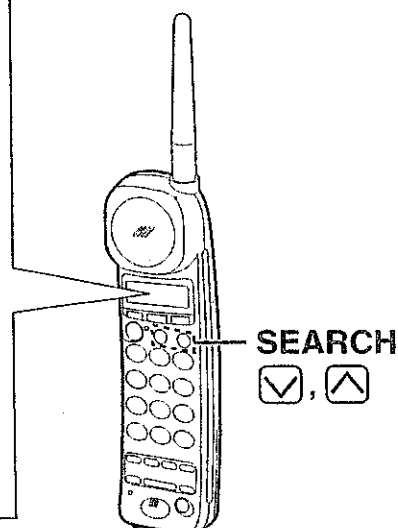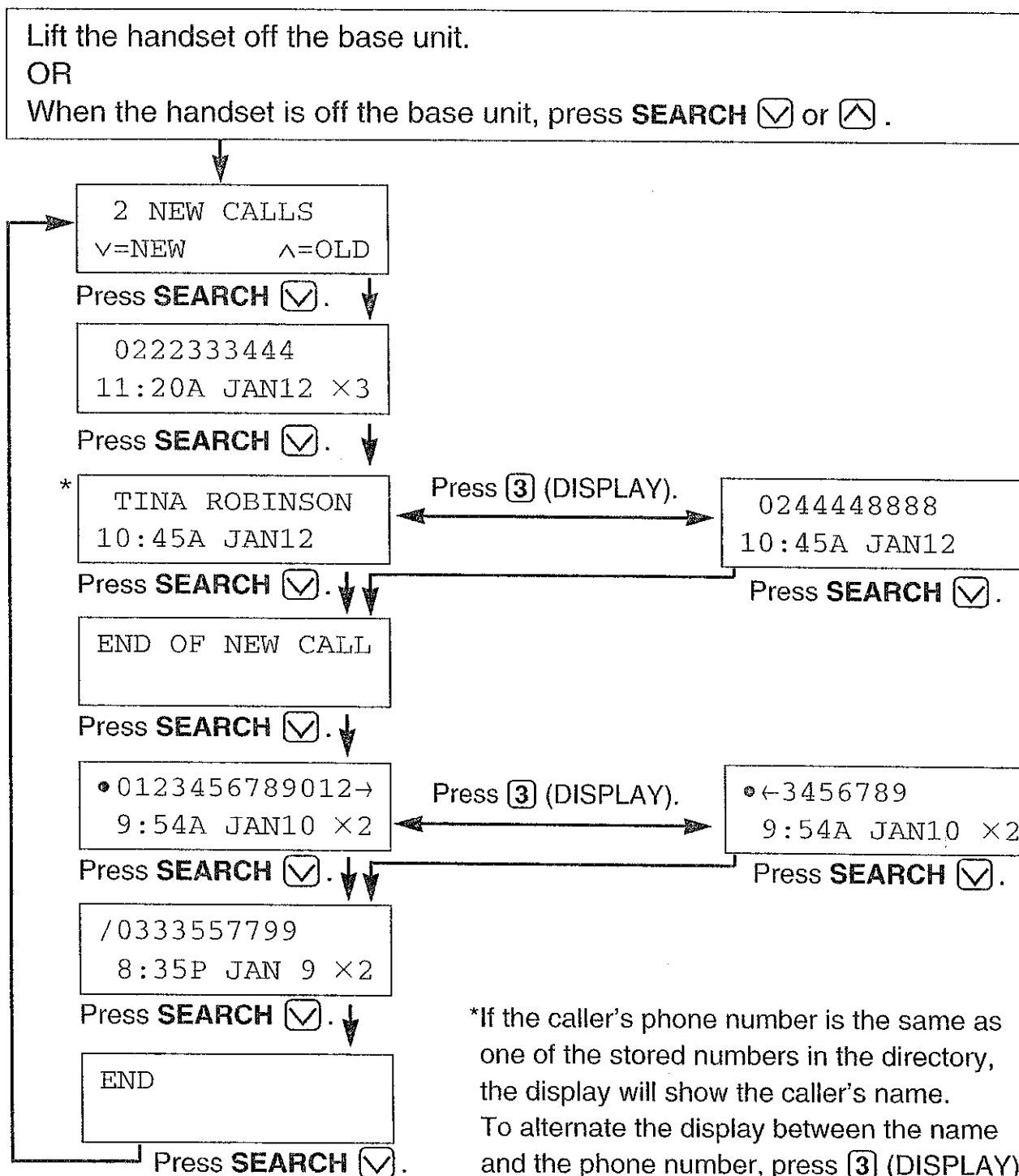10 NEW CALLS
∨=NEW        ∧=OLD
```

SEARCH
∨, ∧

Viewing the Caller List

You can confirm who has called you as follows.

Ex. When you search from the most recent call:

Lift the handset off the base unit.
OR
When the handset is off the base unit, press **SEARCH** ⊽ or ⊼ .

```
 2  NEW  CALLS
 ∨=NEW        ∧=OLD
```
Press **SEARCH** ⊽ .

```
 0222333444
 11:20A  JAN12  ×3
```
Press **SEARCH** ⊽ .

```
* TINA  ROBINSON
   10:45A  JAN12
```
Press **SEARCH** ⊽ .

Press ③ (DISPLAY).

```
 0244448888
 10:45A  JAN12
```
Press **SEARCH** ⊽ .

```
 END  OF  NEW  CALL
```
Press **SEARCH** ⊽ .

```
 ●0123456789012→
  9:54A  JAN10  ×2
```
Press **SEARCH** ⊽ .

Press ③ (DISPLAY).

```
 ●←3456789
  9:54A  JAN10  ×2
```
Press **SEARCH** ⊽ .

```
 /0333557799
  8:35P  JAN  9  ×2
```
Press **SEARCH** ⊽ .

```
 END
```
Press **SEARCH** ⊽ .

*If the caller's phone number is the same as one of the stored numbers in the directory, the display will show the caller's name. To alternate the display between the name and the phone number, press ③ (DISPLAY).

To exit the Caller List, press ⌈EXIT⌋.
● The handset will return to stand-by mode.

Display Symbols

● : You have viewed this caller information at least once or answered the call.

/ : You have called back the caller.

←, → : The entire phone number is not displayed.

×2–×9 : The number of times they called (up to 9).

Calling Back from the Caller List

1. Lift the handset off the base unit.
   OR
   If the handset is off the base unit, press **SEARCH** ☑ or ☒ .
2. Press **SEARCH** ☑ or ☒ repeatedly to find the desired caller.
3. Press [SEND].

Editing the Caller's Phone Number

The unit can edit a phone number into 2 different patterns.

1. Lift the handset off the base unit.
   OR
   If the handset is off the base unit, press **SEARCH** ☑ or ☒ .

2. Press **SEARCH** ☑ or ☒ repeatedly to find the desired caller.

3. Press [2] (EDIT) to select an edit pattern. Each time you press [2] (EDIT), the number is rearranged into a different pattern.

    ⓐ | Area code | – | Phone no. |
    ⓑ | Phone no. |

    ⓐ
    ```
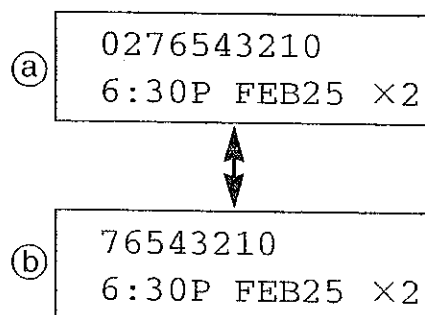    0276543210
    6:30P FEB25  ×2
    ```
    ⇕
    ⓑ
    ```
    76543210
    6:30P FEB25  ×2
    ```

4. After you edit the number, you can call back the caller by pressing [SEND].

One-Touch Dialler

You can store a phone number in the [DIRECT] buttons by using the handset near the base unit. The stored number is dialled with a one-touch operation.

To store a phone number in memory

1. Press [PROGRAM].

2. Press **SEARCH** ☑ (NEXT key) 3 times until "SAVE DIRECT#?" is displayed, then press **SEARCH** ☒ (YES key).

3. Enter a phone number up to 30 digits.

4. Press [DIRECT] (SAVE key) on the handset.

To dial a stored number

1. Press [TALK] or [SP-PHONE].

2. Press [DIRECT] on the handset or the base unit. The stored number is dialled.

Panasonic

WARRANTY

Panasonic New Zealand undertakes to:

Repair or at its option, replace without cost to the owner, either for material or labour, any part which is found to be defective within one year of the date of purchase.

THIS EXPRESS WARRANTY DOES NOT COVER:

1) Pick up and delivery.
2) Batteries.
3) Repairs when the product has not been used in accordance with the Operating Instructions Manual or has been modified.
4) Normal maintenance and cleaning as required in the product's Operating Instructions Manual.
5) Service calls to:
   - a Correct the set up of the product
   - b Instruct you how to use the product
   - c Replace fuses or correct your building's wiring
6) Damage to the product caused by accident, misuse or Act of God.
7) Repairs when the product has been dismantled, repaired, modified or serviced by other than a Panasonic Authorised Dealer authorised to service that type of product.

IF YOUR PANASONIC PRODUCT FAILS WITHIN THE WARRANTY PERIOD:

Take it to the Authorised Panasonic Dealer from whom you purchased the product who will repair it (or arrange to have it repaired) during their normal business hours.

NOTE: THIS EXPRESS WARRANTY IS OFFERED AS AN EXTRA BENEFIT AND DOES NOT AFFECT YOUR LEGAL RIGHTS.

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